

Ankit Sheth

Total Experience: 12+ Years

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Tech Architect / Lead / Developer: Nodejs, Database (SQL/NoSql) / Cloud (AWS)/Microservices / Terraform

Wish a challenging career as technical Lead/Architect with Node.js/JAVA/PHP/AWS Open source technologies by providing the best output with smartest and hardest work and continuously improving it with best efforts.

Always looking for a challenging role where I can show my performance/ prove myself.

Ready to learn new technologies and accept challenges, ready to give extra efforts for the same to Implement them properly.

Working as technical leader/architect as well as team player with hands on coding.

- Having 12.6+ years of experience in Development web based Project and enterprise applications
- Experience in Java, Nodejs, PHP, MySql, Mongodb including technologies as Design pattern, AWS Services, Architecting applications, Server management
- **Working on AWS/Node.js/Microservices/Terraform/Jenkins/Docker/MySql/NoSql solutions.**
- **Design the software architecture for product and technical initiatives.**
- **Work directly with Management and Product leadership to understand customer needs and connect desired business outcomes to appropriate technical decisions with suitable technologies.**
- Produce and maintain design documentation for assigned project(s) according to the team's standards.
- Communicate project design decisions to all stakeholders, including Product, Mgmt and Engineering. Collaborate frequently to develop new solutions and advance the state of the team's technical and delivery capabilities
- Ensure that individual projects are in alignment with cross-team requirements for technical consistency and overall platform vision.
- Support developer enablement and ensure a positive developer experience on all project aspects by actively contributing to the design and implementation of high quality,
- Implement modern approaches to CI/CD, testing, and technology/tooling.
- Follow team standards for SDLC and architecture delivery, including architecture design presentation and scrum ceremonies
- Whenever appropriate, contribute to the advancement of system engineering by driving innovation in the areas of technology selection, system quality and overall maturity.
- **Involved in high level coding and architecture.**

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- Presently working on Node.js with Microservices coding/architecture and responsible for end to end product/project development.
- Having experience in Microservices architecture with ECS.
- SOA (Service Oriented Architecture) with EBS/Lambda.
- AWS services experience
- Responsible Terraform and Jeninks jobs, involved in devops, CI/CD.
- ECS Cluster Autoscale (custom metrics) and new cluster creation using Terraform
- Responsible for non-functional parameters like scalability, availability, performance, enhancement..etc.
- Responsible for Terraform jobs creation using groovy file and Jennkis jobs – devops.
- Worked on Angular4/5
- Good experience with MVC Frameworks
- Hands on experience with Java(Spring boot)/Nodejs and databases
- Experience in working with MySQL 5.5, MySQL, Mongo DB 3.6
- Experience in working with web technologies including JavaScript, HTML5, Angular4
- Experience in Apache, Nginx
- Experience in Cloud technology (AWS : EBS/EC2/SQS/SNS/RDS/Cloud watch/CDN/CI/CD/Lex)
- Capable of analyzing the problem and thereby providing the solution
- Knowledge of software configuration management tools as SVN, GIT
- Excellent analytical and problem solving skills, good team member and ability to take responsibility
- Handling team at module as well as project level
- Responsible for requirement gathering/clarification, discussion with Client/BA team, provide technical solutions
- Involved in architecture/hands on SOA/Micro services/Rest APIs/Web Services
- Responsible for end to end ownership
- Experience in chatbot product with RASA NLU/Lex/Lambda (Node.js)
- POC on AWS Glue and Athena
- POC for implementing Vault
- Re-Architect the third party implementation with Queue.
- Notification system with SNS, Lambda and SQS.
- Terraform Scripts/Jenkins Jobs, devops.

Framework Languages:	Nodejs(8.9+), Angular4, Java (1.8), PHP (7.2),
Technologies:	Nodejs, PHP, MySQL, MongoDB, Rest APIs, Angular-4/5, Java(Spring Boot), Server management, AWS (cloud) services, Terraform (Devops)/ CI/CD
Database:	MySQL, MSSQL, PostgreSQL,
NoSQL:	MongoDB 3.4
Cloud:	AWS / Azure AWS : EC2, S3, SNS, SQS, Load Balancer, Redshift(warehouse), Elastic Beanstalk (EBS), RDS, Cloud front (CDN), Cloud Watch, Lambda (Serverless), Route 53, Auto scaling, ECS (Elastic Container Service)
Application Servers:	Apache, Nginx, Tomcat
Methodologies/Design:	Agile development methodology, Object Oriented Design patterns
Development Tools:	Eclipse, SQL Developer, MySQL workbench
Configuration Management:	SVN, GIT
Operating Systems:	Windows Family, Linux (Ubuntu)

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APIs:	REST API (JSON/XML) in all languages (Node.js/PHP/JAVA), SOAP (basic)
Unit Testing:	Mocha, Chai, Istanbul (Node.js) / PHPUnit
Containers:	DOCKER / Kubernetes (basic)
Other (POCs):	Block chain (Hyperledger) / PWA (Progressive Web Apps) / Chatbot (RASA/Lex)
Node Js Frameworks:	Express js, Sails js (basic), Lambda (AWS)
PHP Frameworks:	Core PHP, Symfony, Zend, CakePHP, CI, MVC Frameworks
JAVA:	Core Java, Spring Boot (1 year)
Frontend:	JavaScript / Angular 4/5
OOPs:	Object oriented programming (Nodejs/PHP/JAVA), Design patterns
Architecture:	SOA / Microservices / Cloud / Load balancing / Performance / Enhancement

- Responsible for end to end project (with involved in coding)
- SOA Architecture implementation with Elastic Beanstalk
- Microservice Architecture implementation with ECS (Elastic Container Services)
- Working with Docker/Containerization
- POCs on Kubernetes/Chatbot
- Requirement Analysis, functional to technical conversion
- Client communication / team handling (technically) / Company stakeholder and Test team communication
- Responsible for application/product Code, database, server architecture
- Manage a team of 6-8 developers technically, distribute/manage tasks to developers
- Taking/Understand requirement from client, functional to technical conversion
- Architecture creation and documentation, approval from client
- Convert them in technical understanding document and taking confirmation
- Create base architecture of server
- Create base architecture of codebase for Node and Angular both
- Responsible for database design
- Code Review
- CI/CD implementation
- Responsible / Delivery on servers (dev/qa/uat/production) management
- Demo / Taking feedback from client
- Changes / CR time approval
- Also involved in POCs of new technologies, other project architecture involvement
- Organization Center of Excellence involvement for new/upgrade technologies / POCs
- Follow Agile methodology / Scrum/ Jira and Assembla

- Involved in coding actively
- Responsible for coding of modules, common module/code development
- Create some common modules useful through many applications

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- Implemented Jenkins and deployment
- Working with NODE JS/AWS/Microservices/Terraform
- Involved Actively in Coding (Nodejs/Java),
- Worked on PHP with MVC frameworks
- Architect, Tech and team lead
- End to end delivery of module
- REST API developments
- GIT Repository
- Angular/Javascript
- Amazon Cloud with : Lambda / SES /SQS / SNS / Elastic Beanstalk/RDS
- GIT and Server management
- Responsible for End to End (Server, Web Application(Angular/Web app/ APIs (for ios and android), release and take feedback from client)
- Basic Practical Knowledge (POC) of blockchain
- Working on MeanStack foundation and
- Working on Lex/Alex chatbot
- JWT with Oauth2 implementation
- Also responsible for frontend technologies (Angular 4/5)

Project	: Product
Type of Project	: Development (Enhancement)
Architecture	: Microservices with ECS (Elastic Container Service – AWS)
Role	: Tech lead (hands on programming)
Technologies	: Nodejs/MS-SQL/Angular 4/5/ AWS/React(basic)
Project Duration	: From: Feb.-2020
Tools	: WebStorm, Visual Studio

Different Modules Involved in the Project:

Working as an Architect with multiple products and responsible for End to End functionalities with non-functional parameters.

Middleware E-learning product between the multiple systems at both side(multiple SIS and multiple LMS) to manage the common configurations of different systems and store/transform/manage the data between multiple systems at both ends.

Manage very high load of requests and responsible for auto scale of each micro system based on CPU/Memory usage **as well as number of requests (based on custom CloudWatch metric/alarm).**

Also implemented first time in company Capacity provider for ECS cluster auto scale based on reservation.

Implemented Microservices with platform of ECS (AWS). Able to manage high volume of requests with three user face services and three worker services.

Implemented autoscaling successfully where microservices scale with custom metrics/aws metrics and cluster scaling with capacity provider.

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Implemented new things introduced by AWS like capacity provider, scheduled tasks as taking a proactive approach and responsibility to implement successfully on production environment.

Responsibility and Contribution: -

- New/old Client requirement understanding
- Implement new functionalities as per client discussion and ideas
- Convert requirement analysis to technical feasibility, provide suggestions
- Implement solutions
- Implement auto scaling of service and tasks
- Update/Modify and write the terraform scripts, create new configurations
- Responsible for Jenkins build and script changes
- Create the Rest APIs in Nodejs
- Follow best practices and manage a team of developers
- Actively involved/responsible in database architecture/application architecture
- Hands-on with Nodejs/Database, involved in coding
- Responsible for the whole application and Rest APIs and architecture.
- Documenting the requirement changes/Rest APIs
- **Responsible for the whole backend and frontend architecture including database design**
- Responsible for end to end delivery and implementation the module in application, work successfully.
- Responsible for coding standards and best coding/design pattern should be followed by developers
- **Responsible for all 6 major microservices and other git submodules including frontend.**
- Responsible for end to end delivery and make sure each microservice working properly.
- Use Jenkins (groovy) and terraform (for infrastructure) for deployment.
- Responsible for all functionality / technical implementation
- Responsible for all non-functional implementation (availability, enhancement, scalability, security)

Project	: Convert Applications to Node.js
Type of Project	: Development
Role	: Tech lead (hands on programming)/ Architect
Technologies	: Nodejs/MS-SQL/Angular 4/5/ AWS
Project Duration	: From: Sept.-19 - Feb.-2020
Tools	: WebStorm, Visual Studio, Eclipse

Different Modules Involved in the Project:

Involved as Architect in creation of common components for applications where clients want to convert the applications in MEAS stack.

Part of a **Center Of Excellence department** as well won the award of Best Employee.

Implementing user management for all applications, and created a common framework in Node/Angular/Mssql which will be commonly used to create the application module.

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Creating the common components (both node and angular side) which would be used throughout the applications.

Responsibility and Contribution: -

- Client requirement understanding
- Convert requirement analysis to technical feasibility, provide suggestions
- Create the web services in nodejs and consume the same rest apis to Angular
- Follow best practices and manage a team of developers
- Actively involved/responsible in database architecture/application architecture
- Hands-on with Nodejs/Database, involved in coding
- Responsible for the whole application and Rest APIs
- Documenting the requirement changes/ Rest APIs
- Responsible for the whole backend and frontend architecture including database design
- Responsible for end to end delivery and implementation the module in application, work successfully.
- Responsible for coding standards and best coding/design pattern should be followed by developers
- Implementing tools which useful to gain performance and securities.

Project : LMS - Loan Management System
Type of Project : Development
Role : Tech lead (hands on programming)
Technologies : Java1.8/Springboot/MS-SQL/Angular 4/5
Project Duration : **From: Feb.19 – To Aug.-19**
Tools : Eclipse, Visual Studio

Different Modules Involved in the Project:

Involved in creation of financial system modules where client wants to create Loan management system.

Implementing Scheduler, Rest APIs, Authentication, and Marshalling/Unmarshalling of the xml response. Also creating different services/schedulers to communicate with Client SAP system to get invoices and credit/debit notes and consume third party payment services to get the payments.

Responsible for payment to invoice allocations and all the financial calculations/formulas for the system to work as per client requirements without failing.

Also, responsible for implementing CI and deploy application on Cloud without failing and down time.

Creating the common component/functions which would be used throughout the application to get the same financial result in each different component.

Responsibility and Contribution: -

- Client requirement understanding
- Convert functional requirement analysis to technical feasibility, provide suggestions
- Implement complex business logic for financial system
- Create the web services in Java, involved actively in coding
- Responsible for database design
- Follow best practices and manage a team of developers
- Actively involved/responsible in database architecture/application architecture

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- Responsible for the whole application and rest apis
- Documenting the requirement changes/rest apis
- Responsible for the whole backend and frontend architecture including database design
- Responsible for end to end delivery and implementation the module in application, work successfully.
- Responsible for coding standards and best coding/design pattern should be followed by developers
- Implementing tools which useful to gain performance and securities

Product : Chatbot and workflow
Type of Project : Development
Role : Tech lead
Architecture : Java/Springboot and Node.js
Technologies : Java 1.8 /Node.js (Express.js/ AWS Lambda/ API Gateway) / Mongo DB/PHP/MySQL/Angular 1.5
Project Duration : Nov.-19 - Feb.-20
Testing : Mocha/Chai/Code Coverage

Create a product for chatbot using Java and Node.js. With RASA NLU and Amazon LEX/Lmabda.

Responsibility and Contribution: -

- Client requirement understanding
- Development and guidance
- Convert requirement analysis to technical feasibility, provide suggestions
- Discuss with Client/BA team for requirements clarifications
- Discuss/provide the rest apis to Angular/IOS/Android teams
- Actively involved/responsible in database architecture/application architecture
- Hands-on with Java/Nodejs/Angular/Database.

Project : Olo Food App (Dubai based Client)
Type of Project : Development
Role : Tech lead
Architecture : SOA (Service Oriented Architecture) with EBS (Elastic bean stalk) and Lambda
Technologies : Node.js (Express.js/ AWS Lambda/ API Gateway) / Mongo DB/PHP/MySQL/Angular 1.5
Project Duration : Nov.-16 to Dec.-17
Tools : Phpstorm/Webstorm
Testing : Mocha/Chai/Code Coverage

Different Modules Involved in the Project:

Olo is food delivery and discovery app where client wants to create end to end food selecting to delivery app including driver app.

Client wants to do it from scratch where expecting 1700 or more restaurants should be involved in future with more than 5 to 10 lakhs users in near future with many concurrent requests.

Suggested and implemented Service Orient Architecture with Micro Services and Web Services.

Need to develop three types of Application:

Restaurant Web App: Mainly used by restaurant manager at each restaurant as web app where they can manage

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the orders with multiple steps.

Customer App (IOS/Android): Where app is open to discover the restaurants and select / order the foods from multiple restaurants, with distance/price/time criteria.

Driver App (Android): Where driver is able to navigate through customer orders and can update status once completed.

Responsibility and Contribution: -

- Client requirement understanding
- **Micro services with SOA architecture**
- Convert requirement analysis to technical feasibility, provide suggestions
- Discuss with Client/BA team for requirements clarifications
- Discuss/provide the rest apis to Angular/IOS/Android teams
- Actively involved/responsible in database architecture/application architecture
- Hands-on with Nodejs/PHP/Database, involved in coding
- Responsible for the whole application and Rest APIs
- Documenting the requirement changes/Rest APIs
- Responsible for the whole backend architecture including database design
- Managing four servers (SOA architecture) three in Php/MySQL, one in Nodejs/Mongo dB

Project : Mobile keyboard app, USA based Client
Type of Project : Development
Role : Tech Lead
Technologies : Mean Stack (Mongo dB/Node.js /Express and Sails.js/Angular 1.5)
Project Duration : Dec.-2016 to Oct.-2017
Tools : WebStorm, NetBeans

Different Modules Involved in the Project:

Client is developing ios/android apps with backend in angular to convert the mobile keyboards to particular client emojis.

Admin Web App: Using MEAN Stack, where admin can manage the all contents including emojis, Detailed analytics for each client/users each event.

IOS/Android App: Providing the rest apis

Responsibility and Contribution: -

- Develop module as per requirement
- Discuss with CTO of Client team, take requirements, develop and assign to other developers
- Helping to convert the Express js code to Sails js
- Also some helps to convert Mongo DB data to redshift (amazon)
- Responsible for creating the Rest APIs for mobile/angular
- Handing a team at India and visit USA for client cooperation

Project : Company Product - (for USA clients)
Type of Project : Development
Role : Lead Developer
Technologies : PHP/MySQL/Mongo dB
Project Duration : April -2014 to June-2016

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Tools : WebStorm/NetBeans

Product is based on social media posting and getting analytics to help the business using the analytics provided.

Client's sales person and their followers post about the product on different social media using the platform provided by us, we get all analytics based on age, likes, dislikes, area etc. which helps the end client to understand the business and help them to grow.

Responsibility and Contribution:

- Develop the code to act as per the requirement.
- Develop the architecture using design patterns and followed by other developers
- Responsible for developing component/module and guide the other team members in their code
- Responsible as Lead developer for the modules and delivery
- Bug Fixing / Provide suggestions

- M.C.A. from Vadodara, Gujarat (DOEACC B Level – Full time) - 2008, C Grade(55-65%)
- PGDCA from Vadodara, Gujarat - 2005, C Grade (55-65%)
- B.Sc. from Gujarat University - 2001, 54.05%

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| ● Ellucian Higher Edu. System Pvt. Ltd. | Feb. 2020 – Till Date | 1.10+ years |
| ● KPIT(Birlasoft) Technologies Ltd. | Feb. 2018 – Feb.2020 | 2.0 Years |
| ● Ubisoft Technologies Ltd. | Oct. 2017 – Feb.- 2018 | 05 months |
| ● Techjini Solutions Pvt. Ltd. | June 2015 - August- 2017 | 2.3 years |
| ● V2Tech ventures Pvt. Ltd. | Dec.2010 - May-2015 | 4.5 years |
| ● Silvertouch Technologies Limited | Sept.2007 - Dec.2009 | 2.4 years |