

VAIBHAV BORGAVE

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Profile Summary

- Undergone 6 months internship which involved working with technologies like Core Java, Spring Boot, Maven, Git, MySQL, Selenium, Automation framework.
- Also undergoing project POC in which involves hands-on using Java 8, Spring Boot, Microservices, Hibernate, Kafka, AWS, CI/CD, DevOps and Kubernetes, Google remote procedural call (GRPC), MySQL, RabbitMQ, Redis cache, Bash Shell, Data migration using java, python.

Work Experience

Persistent Systems Limited - Pune, India – Feb 2021 to July 2022
as an Intern

Persistent Systems Limited - Pune, India – July 2022 to till date
Current Position – Software Engineer

Education

B. Tech CSE – Sanjay Ghodawat University, Kolhapur 2022

Trainings

• Maverick Training

Completed training for Software Development life cycle from starting to end. It covers Azure Cloud, Developer Productivity, Databases, Security, QA, Develops, Automation Framework, selenium.

• Role Based Training

Completed training for core Java 8, Spring boot, Hibernate, Bash Shell Scripting, Microservices, Docker, Kubernetes, Kafka, AWS, CI/CD, DevOps, Maven, MySQL, Selenium, Automation framework

• ARIS process mining Training

Completed training on process mining techniques on ARIS Cloud like fetching data, creating transformations, performing Analysis, creating dashboards.

• Internship Trainings

Completed trainings, hands-on labs, and assignments on following technologies: Java 8, Spring Boot, Spring MVC, Maven, MySQL, Git and GitHub, Automation Framework, Selenium, Kafka, AWS, CI/CD, DevOps and Kubernetes

Tools and Technologies

Technologies

Core
JavaC ,
C++
Spring
BootGIT
MYSQL
Bash
Shell
RabbitM
Q
Automati
on
Framewo
rk
Selenium
Jenkins
API
Testing

Tools

Postma
nEclipse
VS Code
Sts

Certifications

- **Microsoft Azure Fundamentals**
- **Manual Testing**
- **AWS Cloud Practitioner Certification.**
- **Software AG ARIS Process Mining Professional**
- **Persistent Certifications – Implementation of Microservice using Spring Boot, Gen AI**

QaEngineer:

- Did Hands-on manual testing and automation testing of Intellisys, a software tool that automates tasks such as detecting dead code, eliminating unused variables, and eradicating redundant data in code, along with transforming programming languages to human-readable language and migrating programming language.

Technology Used:

- **Java Selenium, Manual testing, Database testing. Regression testing, Page object model, TestNG.**

Key Responsibilities:

- Successfully executed over positive and negative test cases, ensuring comprehensive testing coverage and high-quality delivery.
- Detected and raised bug-free release, exceeding expectations.
- Ensured timely release of the build to the model after testing was completed, resulting in a 100% on-time delivery record.

Project

Development of REST API –

- Implemented microservices architecture using Java and Kafka to enhance real-time data processing, ensuring low-latency and high-throughput communication.
- Orchestrated containerized applications on Kubernetes, optimizing resource utilization and scalability, resulting in improved system reliability.
- Leveraged AWS services, such as EC2, S3, and Lambda, to build scalable and cost-effective solutions, meeting the dynamic demands of the business.
- Implemented CI/CD pipelines for automated testing and deployment, enhancing the development workflow and reducing time-to-market.
- Collaborated with cross-functional teams to integrate DevOps practices, fostering a culture of continuous improvement and efficiency.
- Created a relational database schema which consists of tables as Department Table, Employee Table & Address Table using MySQL database.
- Developed a REST API for every table which will post data from Postman by hitting the endpoints.
- Also added the functionality to find department by id, update the employee details, delete address by employee id.
- Performed the JUnit testing on above functionalities like get all department, get all employee, address.

Dockerizing developed Spring Boot Application –

- To dockerized above created rest API application first converted that project into the jar file.
- Then using open JDK & MySQL images created the container and dockerised this spring boot application.

Implementing producer -consumer in application using RabbitMQ–

- In above application executed producer consumer concept using RabbitMQ.
- Producer sends the data from postman using earlier endpoints to the queue and in consumer listener will listen that message and put it into the database.
- To send email created new table which contains the details about employee that will be store into the database by the listener.

Junit Testing /–

- At the end performed Junit testing on publisher as well as consumer method.
- Also checked whether the repository layer saving the data or not using Junit.

Implementation using GRPC (google remote procedural call) model for client

service communication -

- Created a client server relation which consist of protobuf file different GRPC dependency also consist of table employee and department using MySQL database.
- Also adding response data and request data in protobuf file.

Academic Project Details

Mentorship Management –

- Created a Mentorship Management by using PHP, MYSQL, HTML & CSS.
- Mentorship Management is website that stores the data of student's projects, personal details.
- Staff can easily update the data.
- Coach Staff in project management processes, method, and best practices to acceleratethe effectiveness of major change initiatives that impact the entire organization