

Shreya Yadav

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SKILLS

PROGRAMMING

Backend Development:

Languages & Frameworks:

Java • Spring Boot • Spring Core • JPA • Kafka • Redis Cache • SQL • MySQL • Hibernate • RESTful APIs • Spring Cloud

Testing and Quality Assurance:

JUnit • Mockito • Postman • SonarQube

VCS and Collaboration Tools:

Git • BitBucket • GitHub • Jira

Development and Build Tools:

Maven • IntelliJ • Eclipse • Jenkins

Familiar:

DSA • LLD • HLD • Design Patterns • Docker • AWS (EBS, RDS, R3) • Debugging

EDUCATION

SCALER

SPECIALIZED IN SOFTWARE DEVELOPMENT AND PROBLEM SOLVING

April 2025 | Bangalore, India

GCET

B.TECH

June 2022 | Greater Noida, India

CGPA: 8.2 / 10

ACHIEVEMENT

CLIENT APPRECIATION

Received positive client feedback and appreciation for contributions to project success and client satisfaction, highlighting strong collaboration and client relationship management skills.

LINKS

Leetcode:// yadavshreya001

Github:// yadavshreya001

LinkedIn:// shreya-yadav

Scaler:// shreya-yadav

EXPERIENCE

DXC TECHNOLOGY | BACKEND DEVELOPER

June 2022 - July 2024 | Chennai, India

PROJECT - DYNAMIC TALENT PARSING ENGINE

March 2023 – July 2024

- Led a **Java migration** from Java 8 to Java 21, resulting in a **20% improvement** in performance, **30% better maintainability**, and **increased compatibility** with modern frameworks, ensuring the long-term scalability of the codebase.
- Improved **code quality** by addressing over **50 security hotspots** identified by SonarQube, reducing vulnerabilities by **40%**.
- Enhanced **user satisfaction** and **product reliability** by resolving **15+ client issues** through **code optimization** and troubleshooting within an **Agile environment**, improving **response time by 25%**.
- Successfully merged **2 codebases** and ensured seamless API integration using **Spring Boot**, boosting system scalability and reducing integration issues by **35%**.

PROJECT - REAL-TIME HEALTH CHECK PLATFORM

June 2022 – Feb 2023

- Developed and deployed a **Health Check Application** using **Java** and **Spring Boot**, enabling real-time monitoring of system health, with automated **uptime and response time checks**, improving service uptime by **99.9%**.
- Integrated **Redis caching**, which reduced data retrieval latency by **50%**, leading to a more responsive and efficient system.
- Conducted **unit testing with JUnit**, achieving **85% code coverage** and ensuring a robust, stable monitoring solution.

PROJECTS

SCALABLE CLOUD-BASED E-COMMERCE PLATFORM

- Implemented **secure user services** (signup, login, authentication) with **OAuth2**, securing 100% user access and enabling seamless e-commerce platform integration.
- Built **RESTful APIs** for **product management** (CRUD operations), optimizing efficiency and usability.
- **Optimized performance** using **Redis caching**, reducing data retrieval latency by **30%** and enhancing user experience through faster product browsing and transactions.
- **Architected and deployed a scalable, fault-tolerant Apache Kafka Messaging Queue**, enabling **real-time event-driven architecture** and improving **email delivery efficiency** by **40%** through high-throughput message processing.
- Performed **comprehensive testing** and **debugging** with **JUnit**, ensuring platform stability and reducing post-deployment issues by **25%**.

Tools and Frameworks: Java, Spring Boot, Spring Cloud, MySQL, Hibernate, Redis, AWS(EBS, RDS, R3), Razorpay Payment Gateway, Stripe Payment Gateway, JUnit, Kafka.