

Monica Singh

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SUMMARY

- Have 2+ years of experience with developing microservices with Spring Boot and Java, for the NatWest bank which operates in UK. Developed a microservices project from scratch using best practices.
- Experience of front-end development with React.
- Adept at working in agile environments, consistently delivering reliable and high-quality solutions that meet complex business requirements.

EDUCATION

BTECH IN ELECTRONICS AND COMMUNICATION

VELLORE INSTITUTE OF

TECHNOLOGY

2018 to 2022

Cum. GPA: 9.11

SENIOR SECONDARY EDUCATION

ARMY PUBLIC SCHOOL

2016 to 2017

SKILLS

PROGRAMMING

Java • Spring Boot • Spring Batch •
Object Oriented Programming • React •
Mockito JUnit Testing • SQL • HTML-CSS
• MultiThreading •

TECHNOLOGIES

REACT • Micro-Services •

TOOLS

Git • Gitlab • Postman • Pivotal Cloud
Foundry • Maven • Jira • IntelliJ • Splunk

SOFT SKILLS

Fast-Learner • Hard-Working •
Team-Worker •

EXPERIENCE

NATWEST | SOFTWARE ENGINEER

July 2022 – Current | Gurugram, India

- Designed and developed RESTful APIs from scratch using Spring Boot for microservices adhering to SOLID principles, design patterns, following rigorous unit testing and fixing defects.
- Implemented a high-volume data processing solution using Spring Batch in the LAAS Project, optimizing statement trigger generation based on frequency.
- Achieved over 80% code coverage by writing comprehensive unit tests with JUnit and Mockito, reducing defects in testing environments.
- Actively participated in production deployments, prepared Steps of Execution(SOE) Document for production.
- As a full stack developer, also worked Contributed to transforming a Platform Planner Tool from Excel VBA to a modern web application using ReactJS and Spring Boot, improving UI, scalability, and maintainability.
- Redesigned legacy mainframe screens into efficient, modern ReactJS UIs in the Colleague UI Project, reducing operator navigation time and enhancing user experience.
- Conducted peer code reviews to uphold high coding standards and advocated SOLID principles for maintainable and scalable solutions.
- Mentored and guided 5 junior developers on Java best practices and documented key processes to promote organizational knowledge sharing.

PERSONAL PROJECTS

DEPLOY STATIC WEBSITE ON AWS

Hosted Static website that only include HTML,CSS and JavaScript file .Successfully Hosted static website on S3 and accessed the cached website pages using cloud Front content Delivery Network (CDN) service. Speed up the content delivery using CDN offering low latency and high transfer speed during website rendering.

ACHIEVEMENTS / CERTIFICATIONS

- LOV Award by Business Unit Head
- Meritorious Student Award - VIT
- Certification - Cloud DevOps (UDACITY)-
Learned Cloud Fundamentals, explored tools and services offered by Amazon web Services(AWS)