

Surjeet Kumar

FULL STACK JAVA DEVELOPER

Lucknow , Uttar Pradesh 226016

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Education

Babasaheb Bhimrao Ambedkar University

BACHELOR OF TECHNOLOGY (COMPUTER ENGINEERING)

91.4%

Lucknow

July. 2018-July. 2022

Experience

Revature

Chennai

Full Stack Java Developer

Dec 2022-March.2023

- Worked as product owner and developed two projects in Agile environment.
- Developed website using Angular Material for the project – Patient Management System.
- Developed microservices using leading edge technologies such as Java, Hibernate, Spring Boot, Spring Data JPA Consul and Swagger UI.
- Implemented test cases for microservices using the Mockito framework and Selenium for UI testing.
- Implemented Resilience4j for circuit breaker, rate limiter, bulkhead, and timeout.
- Used libraries such as service discovery, load balancer, spring cloud gateway and spring config server.
- Build CI / CD pipelines using Jenkins to support the automation of software development processes.
- Build Docker container for the deployment over the AWS (Amazon Web Services) cloud platform by utilizing EC2, S3, RDS, IAM, VPC and EKS.

Skills

Programming Languages	Java, JavaScript, Typescript, Python
Frontend Technologies	HTML, CSS3, Bootstrap5, Angular Material, Reactive Programming
Backend Technologies	JSP, Servlet, Spring MVC, Spring Data, Spring boot, Spring ORM, Spring Cloud Gateway, Microservices, Consul, Rest API, Prometheus, Grafana
DevOps and CI/CD	Jenkins, Docker, Git, Sonar Qube, Maven, Selenium
AWS	RDS, S3, EC2, IAM, VPC, EKS, ECR, ECS
Frameworks	Spring Boot, Spring Cloud, Hibernate, Angular, Django
Tools and IDEs	GitHub, Git, VS Code, Eclipse, MySQL workbench, STS, Postman
Identity Management	Auth0

Projects

Patient Management System

GitHub: <https://github.com/SURJEET3010/PMS>

Team Project

Technologies: Spring Boot, Spring Data, Spring ORM, Spring AOP, JPA, Sonar cloud, Microservices, AWS S3, AWS RDS, Jenkins, Angular Material, Angular 15, Bootstrap, CSS, JavaScript, Docker, Selenium, JUnit, Mockito

- A web-based application used as an interface for the patients to book their appointment based on the available physician timings.
- The booked appointments can be accepted or rejected by the physician and the approved appointments will be listed for the nurse to enter basic diagnosis and health information.
- Once the nurse completed entering basic diagnosis information of the patient for the visit, it will be queued to the doctor to further enter the medication details during his consultation with the patients.
- Patients can access their health record at any time

Pizza Order Management System

Team Project

GitHub: <https://github.com/SURJEET3010/POMS>

Technologies: Java, MySQL, JDBC, JUnit, Maven, Git, Eclipse IDE, Servlets, HTML, CSS, JavaScript

- This project is to perform pizza order management.
- The administrator will be responsible to manage add items (pizza, beverages, cookies) and receptionist to system & reporting.
- Receptionist post creation of account by administrator should able to place order for customer & able to see all items detail.
- Receptionist will also be responsible to cancel the order placed earlier.
- Customer has been provided self-registration feature which later makes its data available to receptionists.

Extracurricular Activities

- Served as the active member of National Service Scheme (NSS).