AYUSH KUMAR SINGH

Analyst/Software Engineer

Base Location: Mumbai

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Mobile No: +91 6201393785

Grade: A4

Strengths

Full Stack Developer

- Hands on experience in creating **microservices** with **Spring Boot, Spring Data JPA, Spring Security, Spring Cloud, API Gateway,** Eureka server, resilience 4J, Load Balancing, Feign Client, Swagger UI

- Proficient in creating **Single page Web** Application in **Angular** with Authentication with route guards, Angular reactive forms, angular routing, service, signal

- Practical understanding of HTML, CSS, JavaScript, Tailwind CSS , Bootstrap

- Hands on experience in MongoDB, Express.js, Node.js, React.js and deployed MERN application on Vercel, Render, Netlify

- Experience in **unit testing using Junit, Mockito** including **code quality compliance using Sonar cube**

- Development experience in creating docker images and pushing to **Docker Hub** with **containerized** applications

Achievement

Crop Deals Application

Completed end to end case study of Crop Deals Application along with JWT authentication, Swagger, Junit & Mockito and payment using Razorpay payment gateway, responsive UI with CSS and Angular used for user interface and MySQL for database.

GenAI ChatBot(Spring AI)

Built an AI-powered chatbot using Spring Boot, Spring AI, and Google Gemini API with features like RAG, In-Memory Context, Tool Calling, and voice interaction, integrated with a modern Angular frontend.

Certified in **Java Full Stack** from **Talent Next Wipro.**

Certified in **Microsoft Azure AI-900 Fundamentals**

Check out my work Video Profile

Education and certificates

Bachelor of Engineering
Computer Science : 2021 - 2025

Skills

Skill	Details
Java 8 /J2EE	Java Basics, OOPS, Generics, Collections, Arrays, Loops, Lambda Exp, Stream API Junit, Mockito
Spring core	IOC & Dependency Injection, Bean Lifecycle, Autowiring
Spring REST	REST controllers, Implementation of GET, POST, PUT & DELETE, Bean Validation & Exception Handling, Testing Services, Controller & Repository layer
Spring Data JPA	Implement DAO layer using spring Data repositories, Transaction Management
Spring Boot Microservices	Spring Boot Starters, Annotations, REST Controllers, Messaging Service RabbitMQ, Swagger API
Spring Cloud	Eureka, Feign Client
React	Components, Hooks, Event handling, Redux
Angular	Components, Services, Modules, Routing, Forms & Validation, Guards, Services, Signal, Change Detection
Database	MongoDB, MySQL
UI Tech	HTML 5 & CSS 3,JavaScript, ES6 & TypeScript, Angular
Tools	Git, GitHub, Postman, Docker, Maven, IDE
Devops	CI/CD, Jenkins configuration, Build Pipelines, Docker Hub, Kubernetes
GenAi	GenAi OpenAI GPT, Amazon Q, GitHub Copilot, Azure, OpenAI, AI APIs.
Add On skills	Communications, Team management. Peer learning

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