

# Gritesh Prasad Kumhar

Java Full Stack Developer

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## SKILLS

### Programming Language(s)

- Java, JavaScript, TypeScript, Python

### Framework

- Spring Boot, Angular, Hibernate

### CI/CD Tools

- Jenkins, Azure DevOps

### Testing and Coverage

- Junit, Mockito, JMeter, JaCoCo

### Web Security

- Spring Security, JWT

### API and Communication

- RESTful API

### Azure Cloud Service

- Azure Service Bus, Key Vault, SQL Server

### IDE

- STS, Eclipse, VSCode

### Version Control

- Git, GitHub, Gitlab

### Database

- MySQL, MSSQL

### Ticketing and Project Control

- JIRA, Azure DevOps, YouTrack

### Caching

- Apache Ignite

### Source Code Monitor Tool

- CyCode

### AWS Cloud Service

- AWS S3, AWS CDN

### Server Monitoring Tool

- OpenLens

### Architectures

- Microservice, Monolithic

### Build Automation Tool

- Maven

### API Testing

- Postman, Swagger, Bruno

### Database Version Control

- Apache Flyway, Liquibase

### Service Communication

- WebSocket, RestTemplate

### Orange Cloud Service

- OBS (Object Storage Service)

## PROFILE SUMMARY

- Software Engineer with extensive experience in full-stack development using Angular, Java, Spring Boot, and microservices architecture.
- Proven track record in leading and executing end-to-end development of in-house software solutions, driving cost savings and performance improvements.
- Expertise in integrating cloud services (Azure, AWS), securing applications with Spring Security and JWT, and implementing distributed caching solutions like Apache Ignite.
- Strong skills in API development, testing (Postman, Swagger), and writing JUnit test cases.
- Experienced in AI innovations, recognized for optimizing language translation solutions with LLMs.
- Adept at working in global teams, mentoring junior developers, and delivering high-quality features.
- Proficient in Agile methodologies, fostering collaboration and efficiency within cross-functional teams.
- Committed to continuous learning and staying updated on industry trends and technologies.

## WORK EXPERIENCE

### Senior Software Engineer, NielsenIQ

September 2023 - Present

#### Wayseeker

- Recreated legacy software in-house for cost reduction, handling end-to-end development.
- Developed a full-stack application using Angular 16 (front end) and Java 17, Spring Boot, & Hibernate with MSSQL (back end).
- Designed the database, application architecture, and multi-module structure for distributed functionalities.
- Integrated Azure services such as Azure Service Bus, Key Vault, and Azure SQL Server.
- Implemented backend authentication using Spring Security and JWT, and developed over 5 feature modules.
- Built a custom backend logical expression parser from scratch.
- Deployed the application via Azure DevOps and monitored using OpenLens.
- Ensured code quality by writing JUnit test cases and performing API testing with Postman, Swagger, and Bruno.
- Used Cycode to identify and fix code vulnerabilities.
- Connected the application with other in-house systems for seamless data exchange.
- Led a team of 3 software engineers in India, coordinating tasks, mentoring, and accelerating development.
- Worked in a global team of 7 developers, providing regular progress updates and reports.

## Gen-AI Initiative

- Voluntarily participated in the Gen-AI initiative to explore and develop AI-based solutions for company applications.
- Implemented language translation models using LLMs, evaluated with BLEU and BERT scores.
- Developed a Python research project to test multiple language translation models and optimize performance based on translation accuracy and efficiency.
- Proposed optimized AI-driven language translation solutions for application integration, receiving recognition and appreciation from stakeholders for innovative contributions.
- Presented technical findings to leadership, driving discussions on AI advancements and implementation strategies.
- Contributed to AI innovation, staying ahead of generative AI trends and advancements.

## Software Engineer, Majorel India

July 2021 – September 2023

### Enliven CEM

- Developed and maintained a Customer Experience Management tool in a startup environment.
- Utilized Angular 8, Java 8, Spring Boot, JDBC, and MySQL for full-stack development.
- Secured the application using Spring Security and JWT for robust authentication.
- Integrated external cloud services such as AWS S3, AWS CDN, and Orange Cloud OBS.
- Designed and implemented a complete end-to-end logging module using Aspect Oriented Programming.
- Researched and implemented Apache Ignite for distributed caching to enhance performance.
- Deployed the application using Jenkins for continuous integration and delivery.
- Developed a Node.js based runtime application with WebSocket for real-time data transfer.
- Integrated various UI modules like AM Charts, AG Grid, and Keycloak to enhance the front end.
- Performed API testing with Swagger and Postman, and wrote JUnit test cases to ensure code reliability.
- Used Apache Flyway for database version control and handled bug identification and fixes efficiently.
- Collaborated with a team of 8 developers to deliver high-quality features and improvements.

## Programmer Analyst, Cognizant

July 2019 – July 2021

### ET Manager

- Developed an internal task management tool for Walmart, working in a team of 6 developers.
- Built the project from scratch using Java, Spring Boot, and Angular.
- Implemented microservice architecture, transforming the project from monolithic to microservices.
- Secured the application with Spring Security and JWT for robust authentication.
- Utilized Feign Client and Rest Template for seamless integration with external APIs.
- Implemented load balancing and enabled dynamic service scaling using Netflix Ribbon and achieved domain discovery with Eureka Naming Server.

## HONORS AND RECOGNITIONS

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| • Recognized and appreciated by leadership and stakeholders for coming up with the research of Language translation using Gen-AI for implementing an auto-translation feature in the application. - NielsenIQ                  | March 2024 |
| • Participated in a globally organized virtual hackathon where I as a team of 3, secured 2nd place by displaying my research on the auto-translation feature by implementing it in the main application as a demo. - NielsenIQ | April 2024 |
| • Received recognition for conducting technical interviews for candidates with up to 4 years of experience, contributing to successful talent acquisition.   | 2024       |

## EDUCATION

**Bachelor of Technology**, Computer Science and Engineering  
Lovely Professional University

Graduated – August 2019