UJJWAL GARG

+91 935-441-6441 | garg.ujjwal04@gmail.com | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Innovative Software Development Engineer with a strong track record of designing, developing, and deploying robust full-stack applications. Expertise in microservices architecture, cloud-native technologies, and agile methodologies. Proven ability to deliver high-performance, scalable solutions using cutting-edge technologies.

TECHNICAL PROFICIENCIES

Programming Languages: Java, TypeScript, JavaScript, Python, C++
Web Technologies: Spring Boot, Node.js, Next.js, React, REST APIs, GraphQL
Cloud & DevOps: AWS, Docker, Kubernetes, CI/CD, GitHub Actions
Databases: MySQL, PostgreSQL, MongoDB, Firebase
Tools & Frameworks: Git, Maven, Gradle, JUnit, Vitest, Kafka, Microservices
Soft Skills: Agile Methodologies, Problem Solving, Collaborative Development

PROFESSIONAL PROJECTS

Microservice-Based Healthcare Platform — HackForHer-Health GitHub .... November 2024
- Architected scalable microservices platform using Spring Boot and Flask, implementing domain-driven design
- Developed machine learning-powered cervical cancer prediction system with secure patient-doctor communication
- Implemented JWT-based authentication and Spring Security for robust application security
- **Technologies**: *Microservices, Spring Boot, PostgreSQL, Spring Security, Machine Learning, Docker*

Enterprise School Management System .... Oct. 2023 – Apr. 2024
- Engineered comprehensive school management platform handling 1200+ student records
- Implemented modular architecture with tRPC for type-safe API communication
- Developed scalable features: Fee Management, Attendance Tracking, Notification System
- **Technologies**: *Next.js, Prisma ORM, AWS EC2, TypeScript, MySQL, Microservices*

Full-Stack Recipe Sharing Platform — Forklify GitHub .... September 2023
- Developed scalable full-stack application with comprehensive CRUD operations
- Implemented secure user authentication using NextAuth.js
- **Technologies**: *Next.js, MongoDB, Prisma, NextAuth.js, Material UI*

Cross-Platform Expense Tracker GitHub .... October 2023
- Created cross-platform mobile application with state management using Redux
- Implemented real-time data synchronization with Firebase
- **Technologies**: *React Native, Redux, Firebase, Expo*

PROFESSIONAL EXPERIENCE

Backend Development Intern Cert .... August 2023 – September 2023
Valsco Technology Pvt. Ltd. .... *Software Engineering Internship*
- Optimized website SEO, achieving top 5 Google search ranking through strategic implementation
- Executed web scraping using Puppeteer for efficient database seeding
- Integrated third-party payment gateway, enhancing platform's payment capabilities

Technical Teaching Assistant Cert .... Oct. 2023 – Jan. 2024
Apna College (JainEMO Pvt. Ltd.) .... *Technical Support & Mentorship*
- Mentored 4,000+ students, providing technical guidance and doubt resolution
- Maintained 5-star rating through comprehensive technical support

EDUCATION

Vellore Institute of Technology   Tamil Nadu, India
*Bachelor of Technology in Information Technology **CGPA: 8.99/10***   *2021 – 2025*
Flora Dale School   Delhi, India
*Senior Secondary Education CBSE (XII) **Percentage: 94.4%***   *2021*
*Higher Secondary Education CBSE (X) **Percentage: 93.8%***   *2019*

PROFESSIONAL CERTIFICATIONS

Software Development Certifications:

- Java Spring Boot 0 to 100
- Advanced Web Development Bootcamp
- Next.js 13 Advanced Techniques