ANKIT KUMAR

SENIOR SOFTWARE ENGINEER, JAVA, SPRING BOOT, NODE.JS, REACT, NEXT.JS, MICROSERVICES

Noida, Delhi NCR, +91 xxxxyyyyzz, kr.ankit253@gmail.com, linkedin, github

Software Developer focused on delivering impactful results, tackling dynamic challenges, and building scalable backend systems. Skilled in project management, user-centric problem-solving, and cross-team collaboration. Proficient in Java, Spring Boot, Microservices, Kubernetes, Docker, Terraform, MySQL, and PostgreSQL. Experienced in designing APIs, integrating payment gateways, optimizing SQL queries, and enhancing server performance with caching. Adept at technical interviews, test suite integration, and unit testing. Strong foundation in Data Structures and Algorithms.

EDUCATION

B Tech Computer Science   **Aug 2019 - Aug 2023**

Guru Gobind Singh Indraprastha University GPA: 8.99

TECHNICAL SKILLS

- **Languages :**   JAVA, JavaScript, TypeScript, MYSQL, BASH, C++, C
- **Frameworks :**   Play Framework, Spring Boot, Next.js, Scala Build Tool, React Native
- **Tools :**   git, Github, Intellij, VScode, maven, gradle, redis, kafka, REST APIs, CI/CD, AWS

WORK EXPERIENCE

Infoedge - 99Acres - Senior Software Engineer   **Mar 2025 - Present**

- Upgraded core platform from Java 11 to Java 24, unlocking access to modern language features and improving system reliability and maintainability.
- Enabled virtual threading (Project Loom) to replace traditional thread pools, resulting in up to 40% improvement in API gateway responsiveness and reduced thread contention under peak load.
- Eliminated performance bottlenecks in the primary API gateway, leading to a 30–50% increase in concurrent request handling capacity.
- Enhanced backend scalability and resource efficiency, contributing to smoother deployments and reduced infrastructure costs.

Ipsator Analytics Pvt. Ltd.   **Sep 2022 - Mar 2025**

- Led data-intensive Universal Search Flow development reducing response time by 40% and improving search accuracy for 100,000+ daily train passengers
- Architected multi-level vendor approval pipeline, reducing onboarding time by 60% and processing 500+ restaurant partners monthly
- Spearheaded Menu Customization and Brand Flow features, increasing customer satisfaction by 45% and average order value by 30%
- Integrated Zomato and Swiggy APIs, expanding e-catering reach to 50+ cities and enabling 100,000+ daily food deliveries to train seats
- Streamlined announcement processes through robust APIs, reducing manual intervention by 70% and handling 1000+ daily announcements
- Optimized data insertion and caching strategies, improving server performance by 35% and reducing response time to under 200ms
- Led cross-functional team of 8 members, delivering 15+ major e-catering features with 99% reliability
- Managed end-to-end development cycle from requirement gathering to production deployment for 3 major service integrations
- Improved feature deployment efficiency by 40% through enhanced testing protocols and documentation
- Achieved 99.9% uptime for e-catering services through comprehensive API monitoring and testing
- Reduced API-related customer complaints by 65% through robust error handling and validation
- Implemented automated testing suites reducing QA cycle time by 50%

PERSONAL PROJECTS

Proctoral Web Tensor : AI-Powered Online Exam Monitoring System   **Jan 2023 - Mar 2023**

Tech Stack : React, Bootstrap, Play Framework (Java 17), Machine Learning, MySQL

Key Innovations:

- Developed full-stack anti-cheating solution using advanced facial and iris recognition
- Implemented dual-side (server and client) ML model for optimized performance
- Achieved 30 FPS real-time scanning on low-end devices
- Deployed robust facial recognition with high accuracy
- Integrated iris detection as additional anti-cheating mechanism

Technical Highlights:

- Low-latency facial scan implementation
- Distributed ML model processing
- Efficient hardware resource utilization
- High-precision cheating prevention mechanism

Performance Metrics:

- 30 FPS real-time scan capability
- Reduced computational server load
- Enhanced exam integrity through multi-modal detection

ACHIEVEMENTS & COMPETITIVE PROGRAMMING

- Global Rank 123 in CodeChef Infinity 2k21
- CodeChef All-Time Best Rating: 1791
- CodeForces All-Time Best Rating: 1246

LANGUAGES

- English: Full Professional Proficiency
- Hindi: Full Professional Proficiency

LINKS

- https://github.com/Ankitkkkk
- https://www.linkedin.com/in/iankitk/