

AAROHI KOTHARI

Software Engineer | Java | Spring Boot | REST APIs | Backend Development
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PROFESSIONAL SUMMARY

Software Engineer with 1+ year of experience at Fiserv developing enterprise REST APIs and backend services for fraud assessment, account verification, and payment platforms. Skilled in Java, Spring Boot, REST API development, API automation, performance testing, security remediation, SQL, and production support. Delivered 10+ API enhancements, automated regression testing across 20+ endpoints, built an Excel-driven API payload generation tool, and remediated 15+ Fortify security findings. Experienced in client integration, client communication, API certification, load and stress testing, incident troubleshooting, CI/CD, and enterprise release cycles.

EDUCATION

SRM University, KTR – Chennai, India

Bachelor of Technology in Artificial Intelligence – 8.3 CGPA • 2021 – 2025

TECHNICAL SKILLS

Languages: Java, Python, PySpark, C++, C, SQL

Backend & Frameworks: Spring Boot, Spring MVC, REST APIs, Microservices, Jackson, Lombok

API & Integration: OpenAPI, Swagger, JSON, HTTP/HTTPS, API Integration

Testing & Security: Postman, Newman, API Regression/Load/Stress Testing, Contract Testing, Fortify, Secure Coding

Databases & DevOps: PostgreSQL, H2, Git, GitLab, CI/CD Pipelines

EXPERIENCE

Fiserv – Bengaluru, India

Software Engineer / Technology Analyst II • Aug. 2025 – Sept. 2026

- Developed and enhanced REST APIs using Java and Spring Boot for fraud orchestration, account verification, debit card verification, reporting, and client onboarding; delivered backend functionality supporting enterprise-scale integrations.
- Delivered 10+ production API enhancements and defect fixes by analyzing functional requirements, implementing request/response contract changes, custom headers, and backward-compatible updates to maintain existing client integrations.
- Built an Excel-driven API Payload Generator to transform spreadsheet test data into API payloads with configurable variations; saved 16+ hours of manual work every sprint and accelerated API testing and certification.
- Automated regression testing across 20+ REST endpoints using Postman and Newman by developing reusable API collections and validation workflows; reduced manual regression effort by ~60–70% per release cycle.
- Executed load, stress, and performance testing for client integrations generating 120,000+ API calls/month, maintaining p95 response latency under 180ms and p99 latency under 350ms under peak load.
- Supported client onboarding, API integration, and API certification across dev, cert, and prod environments; validated client requests, troubleshooted integration issues, and coordinated with cross-functional teams for successful API adoption.
- Remediated 15+ Fortify security findings by identifying vulnerable dependencies and implementing secure coding practices; boosted microservice test quality to 80%+ code coverage with automated unit/integration tests.
- Supported biweekly enterprise releases, CI/CD pipelines, and production incident resolution through payload validation, log debugging, and root-cause analysis to minimize disruption to client integrations.

Capgemini – Chennai, India

Java Development Intern • Mar. 2025 – May 2025

- Completed structured Java development internship covering object-oriented programming, core Java, data structures, exception handling, and software development fundamentals.
- Applied Java programming concepts through hands-on coding assignments by implementing solutions, debugging programs, and applying object-oriented design principles.
- Collaborated with senior engineers in code review sessions to improve unit test coverage, refine application architecture, and adhere to industry best practices.

Coding Ninjas Club at SRM – Chennai, India

Corporate Head • 2023

- Organized technical events, coding competitions, and workshops by coordinating students, speakers, and industry professionals, increasing opportunities for technical learning and industry interaction.
- Led technical and career-development initiatives by collaborating with club members and industry professionals to conduct coding activities, workshops, and innovation-focused programs.
- Coordinated communication between students and external professionals to facilitate technical sessions and industry engagement, strengthening collaboration between students and technology professionals.

PROJECTS

NumberGuy.com – Enterprise E-Commerce Platform (2026)

- Created a high-concurrency vanity number e-commerce platform using React, Deno Edge Functions, and Supabase PostgreSQL for a catalog of 900k+ inventory items.
- Designed indexed PostgreSQL query logic for instant pattern matching and integrated Stripe/PayPal webhooks for concurrent order processing.

Bio-Grit – NEET Test Series & Question Bank Platform (2026)

- Designed a web-based NEET Question Bank and Test Series system featuring Word/Excel document parsing for questions with embedded diagrams, automated PDF paper generation, and student authentication.
- Implemented a timed online test engine with NCERT-mapped scoring (+4/-1 evaluation, auto-submit), automated WhatsApp reminders, and an "Improve My Rank" analytics engine tracking performance improvements.