Amit Kumar Shaw

Java Spring Boot Developer | PUNE, MH, India

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Education

Hooghly Engineering & Technology College, Hooghly, WB
B.Tech in Mechanical Engineering   *Aug 2018 – July 2022*
CGPA: 8.52 / 10

Technical Skills

Languages: Java (8+), SQL
Frameworks: Spring Boot, Spring Data JPA, Hibernate, Spring Cloud, J2EE, Spring AOP
Web Technologies: REST APIs, HTML5, CSS3, Angular, Slack Integration
Databases: MySQL, Postgres, Oracle
API Testing: JUnit 5, Swagger, Postman, Soap UI
Methodologies: Agile (SCRUM), Microservices, OOPs, Design Patterns
Tools: Git, SVN, Maven, JIRA, Eclipse, VS Code, STS, Tomcat, GenAI (GitHub Copilot)
Core Skills: DSA, DBMS

Experience

Capgemini, Pune, MH
Senior Analyst   Apr 2025 – Present

- Developed RESTful APIs using Spring Boot & Hibernate for seamless frontend-backend communication.
- Optimized SQL queries by 60%, reducing average response time from 6s to 2.4s.
- Followed Agile methodologies and performed code reviews.
- Awarded **"Fast Starter Of the Year"**.

Analyst   Aug 2023 – Mar 2025

- Migrated legacy app to JDK-11, improving performance by 50%.
- Built microservices infrastructure, improving agility & deployment speed by 35%.
- Used GenAI tools to reduce development time by 40%.
- Reduced future release risks by 70% with stress testing.

Projects

OSV Slack Integration for Vulnerability Alerts *(Java, Spring Boot, OSV Scanner, Slack API)*
Jan 2025

- Built a real-time Slack notification system integrated with OSV (Open Source Vulnerabilities) scanner to alert developers about security issues in dependencies.
- Automated scheduled scans using Spring Boot Scheduler for periodic and on-demand checks.
- Delivered detailed vulnerability reports to Slack channels via Webhooks/API, reducing response time by 40%.

Bus Reservation System (Microservices) *(Java, Spring Boot, Angular, MySQL)*
Dec 2024 – Jan 2025

- Designed and implemented a microservices-based Bus Reservation System using Java and Spring Boot.
- Developed REST APIs for backend services and integrated with Angular frontend.
- Managed version control via GitHub and ensured smooth end-to-end communication between services.

Achievements

- Successfully completed Hacktoberfest 2021 by DigitalOcean.
- Finalist in **Sand Rover Event**, Kshitij Tech Fest, IIT Kharagpur (Jan 2020).
- Semi-finalist in **Robo Soccer**, Espectro Fest, KGEC (Feb 2020).