

AMIT ROY

Java Backend Developer

Howrah, West Bengal | +91 7980165535 | aroy16063@gmail.com | linkedin.com/in/ amit-roy-509698260 | github.com/Amit0841

SUMMARY

Java Backend Developer with hands-on experience building REST APIs, backend modules, and database-driven applications using Java, Spring Boot, Hibernate/JPA, MySQL, Redis, and cloud storage integrations. Comfortable improving API performance, debugging production issues, collaborating with frontend teams, and using AI development tools such as Codex and Claude to speed up implementation, code review, and problem solving.

TECHNICAL SKILLS

Backend	Java, Spring Boot, Spring Framework, REST APIs, Hibernate, JPA, Microservices, Monolithic Architecture
Database & Cache	MySQL, SQL, Redis, query optimization
Frontend	Angular, JavaScript, HTML, CSS, JSON
Cloud & DevOps	Amazon S3, Google Cloud Storage, Maven, Gradle, Jenkins, Git, GitHub, Netlify
AI Tools	Codex, Claude for AI-assisted development, debugging, code explanation, and productivity

EXPERIENCE

Software Engineer - Knorex India

March 2024 - Present | Pune

- Developed RESTful APIs using Java, Spring Boot, and MySQL for data-driven marketing platform workflows.
- Implemented CRUD operations, backend modules, user data handling, and file handling features.
- Integrated Amazon S3 and Google Cloud Storage for reliable file storage and retrieval.
- Optimized database queries and backend APIs, improving performance and reducing response latency.
- Collaborated with frontend teams, used Git/GitHub for version control, and participated in debugging and testing.

PROJECTS

Old City Library - Library Management System

Java, Spring Boot, Angular, MySQL

- Built a library management application with signup/login, book search, borrowing workflows, and user feedback.
- Designed backend APIs and connected them with user-friendly Angular screens for library operations.

Bus Reservation System

Java, File Handling

- Created backend service flows for user account creation, bus ticket booking, and booking status checks.

Beauty Bliss - E-commerce Clone

JavaScript, HTML, CSS, JSON Server

- Developed cosmetics e-commerce screens with product management, cart, and order history functionality.

EDUCATION & TRAINING

Full Stack Web Development Masai School | November 2022 - October 2023 | Bengaluru

B.A. - General Calcutta University | August 2019 - June 2023 | Kolkata

ACHIEVEMENTS

- Optimized backend APIs, improving performance by up to 60% and reducing latency.
- Contributed to RESTful service development with Java and Spring Boot, improving reliability by up to 30%.
- Strong communicator with teamwork, critical thinking, and problem-solving strengths.

LANGUAGES

English - Proficient | Hindi - Proficient | Bengali - Native