

AKHIL BAWARI

Software Development Engineer | Java Developer

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📍 Delhi, India | 🌐Portfolio | 🌐LinkedIn | 🌐GitHub

PROFESSIONAL SUMMARY

Experienced Software Development Engineer with 2+ years in Java, Spring Boot, and cloud technologies. Skilled in building scalable web applications and optimizing database performance by 30%. Delivered enterprise solutions in EduTech, HRMS and Online Recruitment domains. Focused on clean code, performance, and business impact.

TECHNICAL SKILLS

Languages: Java8, Java17, JavaScript, Python, SQL, HTML5, CSS3
Frameworks: Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Hibernate
Technologies: Microservices, RESTful APIs, Spring Batch, Apache Kafka, Redis
Databases: MySQL, PostgreSQL, MongoDB
Cloud: AWS (EC2, S3, RDS)
Tools: Docker, Jenkins, Maven, Git, IntelliJ IDEA, Postman, JUnit

PROFESSIONAL EXPERIENCE

Software Development Engineer March 2023 – Present
QuickTouch Technologies Limited *Delhi, India*

- Designed and developed Java-based web applications using Spring Boot, serving 40,000+ daily active users
- Enhanced database query performance by 30% through strategic optimization and Redis caching implementation
- Implemented Spring Batch solutions for processing large datasets (100,000+ records), reducing processing time significantly
- Developed critical business modules: student attendance, library management, academic results, and lesson planning
- Integrated multiple payment gateways (Razorpay, PayU, PayTM, ICICI, Paygoal, QuickPay) using a single, unified component to streamline transactions.
- Deployed applications on AWS infrastructure ensuring 99.9% uptime and scalability
- Participated in Agile/Scrum ceremonies and conducted code reviews maintaining high code quality standards

EDUCATION

Master of Computer Applications (MCA) June 2023 – Present
Chandigarh University (Distance Learning) *Chandigarh, India*
Full Stack Web Development Certification May 2022 – March 2023
Masai School *Bangalore, India*
Bachelor of Computer Applications (BCA) June 2018 – August 2021
Kumaun University *Rudrapur, Uttarakhand*

PROJECTS

AI-Powered Internal Helpdesk Portal | *Spring Boot, React, PostgreSQL, Gemini API* 🌐 2025

- Developed an AI-first helpdesk with RAG-based ticket routing and automated query responses
- Enabled RBAC and dashboards for agents, leads, and admins using Spring Security
- Added auto-escalation and pattern detection with machine learning logic

Task Manager | *Spring Boot, React (Vite + TypeScript), MySQL* 🌐 Mar 2023

- Built a task management tool with full CRUD, auth, filters, and reminders
- Frontend built with Vite + TypeScript, backend using Spring Boot REST APIs
- Implemented RBAC, user registration/login, and mobile-friendly UI

CERTIFICATIONS & ACHIEVEMENTS

AWS Cloud Practitioner (In Progress) | **Oracle Java SE Certification** (Planned 2025)
NCC 'B' Certificate - Leadership Training (2016-2018) | **Uttarakhand State Sports Recognition** (2021)