

Ankur Goyal

Software Development Engineer | Java | Spring Boot | AWS

contact@ankurgoyal.in | +917999721303 | www.ankurgoyal.in

Profile

Passionate Java Developer with 3+ years of experience in Java, Spring Boot, AWS, PostgreSQL, SQL, and building scalable backend systems using Microservices and Distributed Architecture. Skilled in designing RESTful APIs, optimizing performance, and solving complex problems using data structures and algorithms.

Seeking a Software Development Engineer role to contribute to innovative products while continuously learning and improving.

Skills

Languages: Java, JavaScript, Python, SQL, HTML, CSS

Framework: Spring Boot, Next.js, React.js, CodeIgniter, Tailwind, Bootstrap

Problem Solving: Data Structures and Algorithms (Leetcode 370+ problems)

Databases: MySQL, MongoDB, PostgreSQL

Architecture Design: Microservices, Distributed Systems, REST APIs, System Design, design patterns, UML Diagrams

Cloud & DevOps: AWS (EC2, Lambda, S3), Docker, Jenkins, Maven, Git, GitHub actions

Other tools: Postman, IntelliJ IDEA, VS Code, Linux, JIRA, Junit, Design Patterns, cursor

AI: ChatGPT, Gemini, Perplexity, LLM API integration, Claude ai, Groq integration.

Additional: SEO, Photoshop, Blender, Canva

Work Experience

ENERLOGS ANALYTICS (SURYALOGIX PRIVATE LIMITED)

Software Developer (Sde 1) | Aug 2023 – Present | 2 Years

- Engineered asynchronous API architecture using Java Concurrency, reducing response latency by 40%.
- Optimized APIs using multithreading, async processing, and caching, boosting overall throughput by 1.5x.
- Built dynamic dashboards for industrial analytics, enhancing decision-making with real-time data.
- Architected and led the access control module used by 5,000+ B2B clients, ensuring secure data access.
- Created drag-and-drop CMS enabling 50+ non-technical users to manage 1K+ Dashboard pages daily.
- Conducted code reviews and reduced bug reports by 25%

JAIN SOFTWARE

Software Developer (Sde 1) | Apr 2022 - May 2023 | 1 Year

- Designed and managed a complete ERP solution
- Developed a 3D glasses try-on feature similar to Lenskart using WebGL.
- Built custom billing, attendance, and payroll management systems for a beauty product company.
- Created web scraping tools, WordPress websites, and responsive email templates.
- Built a Python-based automation tool, saving 400 man-hours per month.

FREELANCER.COM

Freelancer | Mar 2021 - Mar 2022 | 1 Year

- Developed static website for Himalayan water distributor **vitalevents.netlify.app**.
- Developed a personal website (**shout.video.blog**) for content downloads.
- Made blogs and gifting website such as **anniversarylab.com**, **neeraj-arora.com**, **thepappu.com**

Projects

Opening Stock

<https://www.openingstock.in/>

Technologies: Java, Spring Boot, AWS, PostgreSQL, Redis, Multitenant, Kafka, Web socket

- Developed a multi-tenant business management dashboard with role-based access control, data visualization, and import/export functionality.
- Implemented Kafka-based asynchronous processing, Redis caching, and WebSocket for scalable and real-time application workflows.
- Optimized AWS infrastructure with autoscaling and resource optimization, improving application scalability and reducing infrastructure costs.

Miri - AI Bot & RPG

https://discord.com/oauth2/authorize?client_id=1544120030029946992

Technologies: Java, Spring Boot, JDA, PostgreSQL, LLM API

- Built an AI-powered Discord bot using Java, Spring Boot and JDA, with event-driven message processing and slash-command interactions.
- Integrated LLM APIs for conversational AI and designed an interactive RPG system featuring combat, stats, economy, inventory and leaderboards.
- Implemented persistent server/member state, asynchronous workflows, and modular command handling using Spring services and repository-based data access.

Swarnahub.com- B2B E-Commerce Platform

<https://www.swarnahub.com/>

Technologies: Next.js, JavaScript, Payment Gateway

- Built B2B catalogue integrated with Openingstock Inventory Management, enabling centralized inventory control.
- Implemented authentication, cart, checkout & payment APIs, improving checkout and payment monitoring efficiency by 30%.
- Streamlined order management & inventory synchronization, reducing order-processing time by 40%.

Education

Woolf University

Master of Science (M.S.) in Computer Science

Expected Graduation: 2027

Certifications

- Getting started with competitive programming - **IIT Gandhi Nagar**
- Object oriented system development using UML, java and patterns - **IIT Kharagpur**
- Cloud computing - **IIT Kharagpur**
- Data structures and algorithm using java - **IIT Kharagpur**
- Aws certified cloud practitioner - **Geeks for Geeks**
- Google UI UX Professional – **Coursera**

Open Source

Mod Block - <https://www.npmjs.com/package/modblock>

- Developed a React component library built with Tailwind CSS,
- improving UI development efficiency for developers
- offering reusable components similar to Daisy UI.

Achievement

Received '**Goes the Extra Mile**' Award at Suryalogix Private Limited.