

Ankur Goyal

Software Development Engineer | Full Stack Developer

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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

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

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

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

Other Skills

Other: **SEO, UML Diagrams**, Photoshop, Blender, Canva

Work Experience

Enerlogs analytics (Suryalogix private limited)

SOFTWARE DEVELOPER (SDE 1) | AUGUST 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

MAR 2021 - Mar 2022

- 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 aniversarylab.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.

Need Me Now <https://www.needmenow.com/>

Technologies: Next.js, JavaScript, Payment Gateway

- Built an E-Commerce platform with user authentication
- and seamless checkout experience using integrated payment APIs.

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

Technologies: Next.js, JavaScript, Payment Gateway

- Developed a B2B catalogue platform integrated
- with existing inventory management opening stock,
- Improving order management workflows.

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 (NPM PACKAGE) <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 '**Go the Extra Mile' Award** at Suryalogix Private Limited.