

# Anil Dudy

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## EDUCATION

**SRM Institute Of Science and Technology**  
*Bachelor of Technology, Computer Science and Engineering*  
▪ CGPA: 8.09  
▪ Awarded 25% merit scholarship

June 2018 – May. 2022  
Chennai, TamilNadu

## WORK EXPERIENCE

**Finfactor** May 2025 - Present  
*Software Engineer* Pune (In-Office)

- Contributed as a core engineer to the migration of a high-traffic platform from Karaf → Spring Boot, ensuring low-latency stability for 100K+ requests/min.
- Engineered a high-concurrency Analytics Engine (Java/Spring Boot/Clickhouse) that exposed low-latency APIs delivering real-time metrics and routing decisions to the external traffic-control system.
- Optimized the Monitoring System by introducing multithreading and redesigning file-writing logic, achieving ~90% lower memory usage and significantly faster execution times.
- Built a high-traffic Kafka-based Notification Service with in-memory caching to detect upstream timeouts and promptly notify clients.
- Developed a real-time User Analytics Dashboard (React + TypeScript) to visualize drop-off funnels and streamline internal admin workflows.

**Barclays** Aug. 2022 – May 2025  
*Software Developer* Pune (Hybrid)

- Built and deployed scalable Spring Boot APIs on AWS (DynamoDB, ECS) to support high-volume financial transaction workflows.
- Diagnosed and resolved production performance bottlenecks using CloudWatch, reducing MTTR by ~50% and lowering customer impact.
- Automated AWS infrastructure provisioning (EC2, S3, Lambda, SNS) using IaC, cutting deployment time and eliminating manual errors.
- Developed an automated notification service that consumed SNS alarms and triggered internal workflows to open ServiceNow incidents, improving operational responsiveness.

## PROJECTS

- E-commerce Platform (Full-Stack E-Commerce Application):** Developed a full-stack e-commerce application using Spring Boot, Kafka, and Kubernetes for scalable, asynchronous order processing; used Postgres and MongoDB for persistence.
- Sorting Algorithms Visualizer(Interactive Education Tool):** Built an interactive web app using HTML, CSS, and JavaScript to visually demonstrate step-by-step execution of common sorting algorithms for educational use.
- Track Your Learning(Personal productivity tool):** Created a productivity tool with Django, Python, and SQLite that enables users to log daily activities and track learning progress over time.

## SKILLS, CP & INTERESTS

- Skills:** C++, Python, Java, Typescript
- Frameworks/Tools :** React, Spring Boot, Kafka, Docker, Kubernetes, Git, MySQL, ClickHouse
- Cloud:** AWS, Azure, GCP
- Competitive Programming:** Codechef : 1768 | LeetCode: 1587 | Codeforces: 1371
- Interests:** Running; Driving; Swimming; Volleyball; Anime