

# Anil Dudy

anildudy1@gmail.com ❖ (+91) 9813481218 ❖ Pune, Maharashtra ❖ [Linkedin](#)

---

## EDUCATION

---

### SRM Institute Of Science and Technology

*Bachelor of Technology, Computer Science and Engineering*

June 2018 – May. 2022

*Chennai, TamilNadu*

- CGPA: 8.09
- Awarded 25% merit scholarship

## WORK EXPERIENCE

---

### Finfactor

*Software Engineer*

May 2025 - Present

*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

*Software Developer*

Aug. 2022 – May 2025

*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*