





# Anshul Garg

 GitHub  LinkedIn  anshulgarg.garg509@gmail.com  8560826690

I'm a backend software engineer with 3 years of experience building reliable, high-performance microservices that scale. I've worked in e-commerce, social media analytics, and fintech, using Java, Python, and Golang to improve API speeds and cut costs. I'm passionate about writing clean code, learning new technologies, and helping teams grow.

## EXPERIENCE

**WALMART** (NRT - Data Venture) | SDE-III | JAVA, SPRING BOOT, KAFKA

Jun, 2024 – Current | Bangalore

- **Skills and Platforms:** Java, Kafka, PostgreSQL, Azure Cosmos DB, Spring Boot 3, Grafana.
- Led a critical migration project to upgrade system to **Spring Boot 3** and **Java 17**, addressing and resolving critical and high vulnerabilities in the code. Overcame challenges such as backward compatibility, library deprecation issues, and dependency management to ensure a smooth transition with no service downtime.
- Revamped all **NRT application** controllers by adopting a design-first approach with **OpenAPI Specification**.

**GOOD CREATOR CO.** (GCC SaaS Social Media Analytics Platform) | SDE-I | PYTHON, JAVA, GOLANG, CLICKHOUSE, POSTGRES SQL

Feb 2023 – May 2024 | Bangalore

- **Skills and Platforms:** Java, Python, Golang, RabbitMQ, Postgres, Clickhouse, Airflow, DBT, Spring Boot, AWS.
- Optimized **API response times by 25%** and reduced **operational costs by 30%** through platform development and optimization.
- Drove **user engagement by 10%** by developing real-time social media insights modules.
- Built a high-performance logging system using Python, Golang, and RabbitMQ, cutting log retrieval times by 66%.
- Designed an asynchronous data **processing system handling 10 million daily data points** for real-time insights.
- Automated content filtering and elevated data **processing speed by 50%**.
- Created an efficient asset upload system on AWS S3, **processing 8 million images daily** while minimizing costs.
- Crafted and streamlined ETL data pipelines (**Apache Airflow**) for batch data ingestion for scraping and the data marts updates.

**PAYU** (API Lending) | SDE-I | JAVA, PYTHON, SPRINGBOOT, DJANGO, POSTGRES SQL, AWS

Jul 2022 – Feb 2023 | Bangalore

- **Skills and Platforms:** Java, Python, RabbitMQ, Postgresql, Django, Spring Boot, AWS.
- **Scaled business operations by 40%** by enabling users to access loans from multiple sources after disbursal.
- Mitigated loan disbursal journey issues from **4.6% to under 0.3%** through new partner onboarding and process optimization.
- Accelerated API responsiveness, leading to a decrease in loan disbursal journey **TAT from 3.2 minutes to 1.1 minutes**. Using **Java** and **spring boot**.

**PAYU** (API Lending) | SOFTWARE ENGINEER INTERN | JAVA, PYTHON, SPRINGBOOT, DJANGO, POSTGRES SQL, AWS

Jan 2022 – Jul 2022 | Bangalore

- Improved code readability, maintainability, and performance through refactoring the LOS in Java, resulting in an **83% unit test coverage (up from 30%)** and reduced production bugs.
- Automated code quality checks and static analysis by integrating SonarQube and GitHub Actions.
- Ensured deployment reliability and diminishing developer time by implementing Flyway DB migrations for versioning databases.

## SKILLS

### PROGRAMMING

Java • Python • C++ • C • Golang • Data Structures and Algorithm

### BACKEND FRAMEWORK

Spring Boot 3 • Hibernate • Django • FastAPI

### DATABASE

PostgreSQL, MySQL (RDBMS) • Azure Cosmos DB • ClickHouse (Data Warehouse)

### TOOLS & FRAMEWORKS

RabbitMQ • Redis • Apache Airflow • Git • GitHub • DBT • ETL • Kafka • Docker • Ansible • Jenkins • ELK Stack • AWS Cloud • Grafana • Prometheus

## EDUCATION

### IIIT BANGALORE

M.TECH - COMPUTER SCIENCE AND ENGINEERING

Aug 2020 - July 2022 | Bangalore

CGPA: 3.22 / 4.0

### SKIT JAIPUR

B.TECH - COMPUTER SCIENCE AND ENGINEERING

Aug 2015 - May 2019 | Jaipur

CGPA: 7.43 / 10.0

## ACHIEVEMENTS

- Secured an **AIR 1343** in GATE 2020 (Score: 659).
- Served as a **Core Member** of the Gender Cell, IIIT-B
- Event Manager, **Infinite Cultural Fest**, IIIT-B.
- Red Hat Certified Specialist in Ansible Automation.
- Red Hat Certified System Administrator.
- **Teaching Assistant**, CS-816 Software Production Engineering, IIIT-B.