Anshul Garg

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Backend software engineer with three years of experience developing scalable microservices for e-commerce and fintech sectors utilizing Java, Python, and Golang. Achievements include leading a successful migration project at Walmart that resolved critical vulnerabilities without downtime andreducing operational costs by 30%. Promoted to SDE III within two years of initial hire at PayU, demonstrating rapid professional growth and impact within fast-paced environments.

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 using a design-first approach with OpenAPI Specification, **reducing integration overhead by 30%.**

GOOD CREATOR CO. (GCC SaaS Social Media Analytics Platform) | SOFTWARE DEVELOPER | PYTHON, JAVA, GOLANG, CLICKHOUSE, POSTGRESQL
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, **cutting data latency by 50%.**

PAYU (API Lending) | SOFTWARE DEVELOPER | JAVA, PYTHON, SPRINGBOOT, DJANGO, POSTGRESQL
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, POSTGRESQL, 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, **boosting code coverage by 20%.**
→ Implemented Flyway DB migrations, **reducing deployment errors by 90%** and improving release frequency by 2x.

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 - Jul 2022 | Bangalore

SKIT JAIPUR

B.TECH - COMPUTER SCIENCE AND ENGINEERING
Aug 2015 - May 2019 | Jaipur

ACHIEVEMENTS

→ Secured an **AIR 1343** in GATE 2020 (Score: 659).
→ Promoted diversity and inclusion in the **Gender Cell** at IIIT-B.
→ Event Manager, **Infinite Cultural Fest**, IIIT-B.
→ Red Hat Certified Specialist in Ansible Automation.
→ Red Hat Certified System Administrator.
→ Taught CS-816 Software Production Engineering at IIIT-B as a **Teaching Assistant**.