

# ANKIT GAUTAM

## Software Engineer

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## Career Objective:

Backend Software Engineer with over 5+ years of experience in Java, Spring Boot, and cloud platforms (AWS, Azure, GCP), skilled in developing microservices, API management, and enhancing system performance and reliability.

## Professional Experience:

### LOGICMONITOR(INDIA) LLP: Software Engineer (December 2023 - August 2024)

- Exposed to various tasks related to log collection from physical devices/servers, different clouds, and hybrid environments.
- Developed custom plugins for log aggregation platforms (Logstash, FluentBit, FluentD), optimizing data ingestion and processing.
- Created integrations for cloud platforms like AWS and Azure for efficient log collection.
- Worked on reducing latency and eliminating memory leaks that caused high resource usage on cloud platforms.

### MYSTIFLY CONSULTING PVT LTD: Software Engineer (March 2023 - July 2023)

- Managed Jira tickets related to creating regex for more than 20 airlines.
- Developed automation scripts to extract data through regex and detect errors or new formats.
- Deployed a Flask application on Azure using Docker (hot reloading), Bitbucket, and Azure Container Registry.
- Built an ML model using LSTM (TensorFlow) and Logistic Regression to replace regex-based processing.
- Created Python automation scripts to generate larger datasets for ML model training.
- Explored GCP for model creation and training using Vertex AI and Google Colab with a high-powered instance.

### CREDIT SAISON INDIA: SDE-I (Dec 2021 - March 2023)

- Managed assigned tickets involving the creation and management of microservices using Java (Spring Boot) and Golang.
- Created infrastructure for new services by writing or modifying YAML files.
- Addressed real-world engineering challenges such as reducing build times for microservices.
- Migrated microservices from Java 8 to Java 11.
- Implemented self-healing mechanisms, including callback functions and the circuit breaker pattern, for third-party applications.

### INFOSYS: Systems Engineer (Microservice Developer(Java Developer) (Aug 2020 – Dec 2021):

- Engineered RESTful microservices with Spring Boot, adhering to Swagger specifications, and optimized API response times and data consistency.
- Created API proxies in Google Apigee for enhanced API management.

### INFOSYS: Systems Engineer Trainee {Full Stack Developer} (Dec 2019 – Aug 2020):

- Trained as Full stack developer in Java Spring Boot React & Angular
- Developed the frontend for the landing page and search functionality.
- Configured and coded the backend to support the frontend features.
- Designed and implemented the database to handle the application's requirements.

## Technical Skills:

**Languages:** Java, Python, Golang, JavaScript, C, C++, Data Structures, and Algorithms

**Frameworks:** Spring, Spring Boot, Quarkus (Java); Gin (Golang); Flask (Python)

**Frontend Technologies:** ReactJS, VueJS and AngularJS

**Cloud Platforms:** AWS, Azure, GCP (Google Cloud Platform)

**DevOps & Containerization:** Docker, Kubernetes, Jenkins, CI/CD pipeline automation

**API Management:** REST API development, Swagger documentation, Google Apigee

**Version Control:** Git, GitHub, GitLab, Bitbucket

**Scripting & Automation:** Shell Scripting, Python, YAML

**Web Servers:** Apache, Tomcat, GlassFish, Nginx

**Configuration & Project Management Tools:** Jira, Postman, Slack

## **Project Details:**

### **Story Name: Fareedge - AI-Powered Travel Search**

**Description:** Led the development of a global travel search platform processing 1M+ daily requests. Implemented a real-time pricing engine using Redis and Kafka, built ML models for personalized recommendations achieving 40% better CTR, designed scalable microservices architecture handling 10x traffic growth, and reduced API response time by 60% through caching and query optimization.

**Tech Stack:** Java, Spring Boot, Redis, Kafka, ML

### **Story Name: MCP Context SDK**

**Description:** Created an open-source SDK for microservices context management. Implemented distributed tracing with 99.9% accuracy across 50+ services, developed a context propagation system reducing latency by 45%, built a monitoring dashboard tracking 1000+ metrics in real-time, and integrated with major observability platforms.

**Tech Stack:** Java, Spring Boot, Microservices, Monitoring

## **Professional Summary:**

- 5+ years of backend development experience with a strong focus on microservices architecture and API development.
- Skilled in Java, Spring Boot, and Golang, with expertise in creating scalable and resilient applications.
- Proficient in implementing CI/CD pipelines with Jenkins for automated code deployment.
- Strong foundation in data structures, algorithms, and problem-solving.
- Experienced in cloud infrastructure management and optimization on AWS, Azure, and GCP.
- Demonstrated success in reducing latency, improving reliability, and optimizing infrastructure in high-traffic environments.
- Knowledgeable in OO principles, software design, and design patterns.
- Collaborative team player with hands-on experience in Git-based version control systems..

## **Extra Curriculum:**

- Led and mentored teams in various hackathons, including Smart India Hackathon (2017-2018) and UNESCO India-Africa Hackathon (2022).
- Community Lead at Google Crowdsourcing (2018) and Google MLCC Study Jam Facilitator, fostering tech learning and engagement.
- Completed over 35 quests and 200 labs on Google Cloud Training Platform and became alumni of it, building hands-on expertise in cloud technologies.
- Reviewed and contributed to 250+ open-source PRs on GitHub, actively supporting community-driven projects.
- Mentored participants and led teams in multiple national hackathons(Smart Odisha & Smart Rajasthan), creating innovative, impactful solutions.
- Contributed and Reviewed PR's of about 250+ Open Source Organisations on Github.
- Mentored UNESCO INDIA-AFRICA Hackathon 2022.

## **Academic Qualification:**

- Bachelor of Engineering(CSE), Sri Aurobindo Institute of Technology, Indore (2015-2019)
- Higher Secondary from St. Joseph's Mission School, Bijuri (2015)

**Strengths:** Leadership, punctuality, and dedication to quality in work.

**Hobbies:** Sketching, cricket, singing, and reading technology blogs.

## **Personal Details:**

**Father's Name:** Late Mr. Rajendra Kumar Gautam

**Date of Birth:** 23<sup>rd</sup> December 1997

**Gender:** Male

**Declaration:** I hereby confirm that all information is accurate and true to the best of my knowledge.

**Date:**

**Ankit Gautam**