

Gaurav Kumar Bhatt

📞 9624061584 — ✉ gauravbhatt1998@gmail.com — 🔗 linkedin.com/in/gaurav-kumar-bhatt-b8132b237 — 🌐 github.com/gBhatt1998

Summary — Passionate software engineer specializing in backend development, microservices, and scalable system architecture.

Experince

Montage Global Pvt. Ltd.

Aug 2022 – July 2024

Maintenance Engineer

- Conducted **daily machine health assessments** and generated detailed reports on equipment efficiency, downtime, and performance optimization.
- Implemented **preventive maintenance strategies**, reducing unexpected breakdowns and improving overall equipment longevity.

Projects

Analytics Manager

[source code](#)

- **Developed a monitoring application** to track user interactions, specifically measuring how many users click on the "Enroll Now" button and how many proceed to purchase the product. This data helps in strategizing and optimizing sales efforts.
- **Built the frontend using React** and **the backend using Spring Boot**, ensuring a scalable and efficient architecture.
- **Integrated Apache Kafka** with a **producer-consumer** strategy to enable seamless communication between the React frontend and Spring Boot backend.
- **Implemented Grafana dashboards** to monitor application uptime and track user interactions, including clicks on "Enroll Now" and "Buy Now," providing actionable insights for sales optimization

Finance Tracking App

[source code](#)

- Architected a **microservices-based finance management application** using **Spring Boot** and **React Native**, ensuring modular and scalable deployment.
- Designed and implemented **JWT-based authentication** with **Access Refresh Tokens**, utilizing **custom JWT filters** for secure API access control.
- Developed **event-driven microservices** architecture, leveraging **Apache Kafka** for asynchronous communication between authentication, expense tracking, and notification services.
- Automated real-time expense tracking by **parsing SMS messages**, using **NLP techniques** and regex-based pattern matching.
- Engineered a **Dockerized deployment** with separate containers for authentication, database, Kafka broker, and microservices, ensuring isolated environments for better maintainability.
- Integrated **MySQL** as the primary database with **optimized indexing and query performance tuning** for financial data retrieval.
- Developed **RESTful APIs** with **Spring Boot** and secured endpoints with **Spring Security**.
- Created **financial behavior analytics** using ***Python-based data processing** and to detect spending patterns and suggest improvements.
- Designed and deployed **notification microservices** to send automated alerts via **WhatsApp SMS** for spending insights, budget warnings, and overspending risks.

Education

Government Engineering College, Daman

2018-2022

Bachelor of Engineering

Lions English School, Silvassa

2015-2016

Class XII

Technical skills

Languages C++, java, Javascript, Python, SQL, HTML, CSS

OS Debian, Ubuntu

Framework SpringBoot, React Native, Angular, Bootstrap, Git

Tools: Postman, Linux, Visual Studio Code, Github,

Concepts: Bash, CLI, Github Actions, IntelliJ IDEA
Object Oriented Programming, Database Management System, Virtual Memory, Cache Memory, API, Database Normalization, Agile Methodology, Operating System