

Saumya Bhatt

Backend Software Engineer

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Experienced software engineer with nearly three years of expertise in backend development. Proficient in constructing near real-time services utilizing Apache Kafka and event-driven microservices, as well as crafting data pipelines to support machine learning applications. Additionally, possess hands-on proficiency in frontend stack and web development.

TECHNICAL SKILLS

Languages: Kotlin, Java, Python, Javascript, Golang, C++, HTML, CSS
Frameworks: Ktor, Spring Boot, NodeJS, ExpressJS, Flask, Django, ReactJS
Databases: PostgreSQL, Redis, MySQL, MongoDB, Elastic Search
Developer Tools: AWS, Docker, Kafka, Firebase, Heroku, Git

EXPERIENCE

SDE 1 July 2022 - Present
Porter Bengaluru, Karnataka

- Built the payments microservice which currently processes 1.5 Lakh transactions in a month with an uptime of 99.5%
- Built dynamic switching between different Payment Gateways based on Customer Profile to ensure higher success rate
- Built the model serving platform that powers the matchmaking service by ranking drivers based on 100 different features.
- Building the feature computation layer on top of Apache Kafka and Spark that manages and serves the offline and online features of drivers.

SDE Intern July 2021 - December 2021
Nucleus Software Greater Noida

- Developed a customer classification and visualization dashboard for banks to perform RFM analysis on their user base.
- Built a three-way system which included a K-means clustering algorithm to classify dataset, Spring Boot based web-server that exposes a REST interface for the frontend built using ReactJS.

Summer Intern August 2020 - October 2020
CSIR - National Institute of Oceanography Panjim, Goa

- Created a web-based dashboard to manage and communicate with 25 marine robots in real-time.
- Included ability to track location using image rasterization and stream camera feed in near-real time using OpenCV, WebSockets, and RTSP Protocols

EDUCATION

BITS Pilani, Goa Campus
B.E. Electronics and Electrical Engineering July 2018 - August 2022

- Instructor for Introduction to Block-chain and Crypto-currencies course.

PROJECTS

ClickStream Simulator 1.0 | *Kafka, RabbitMQ, SpringBoot* June 2021 – December 2021

- End to end application to stream click events from a React-based webapp to a python consumer that triggers an email on suspicious activity in near-real-time using Kafka..

Movies By the Sea | *React, NodeJS, Firebase* June 2021 – December 2021

- Created backend, frontend, CRM and a public REST API with role-based-access using JWT tokens for personal movie review blog.

Fullstack Twitter Clone | *Flask (python), MySQL* June 2020 – December 2020

- Included user authentication, cookie, and session management system with CRUD abilities based on user roles.

Local Chat Room | *Javascript, MySQL* May 2020 – June 2020

- Near-Real time multi-user chat room running locally on an Apache server using web-sockets.