

# Gaurav Poudel

SOFTWARE ENGINEER · BACKEND

Bengaluru, India | **Whatsapp** - Primary +91 9019498816

✉ gauravpoudel2013@gmail.com | 🏠 iamrgaurav.github.io/ | 📷 iamMrGaurav | [LeetCode Profile](#) | 📺 iamgauravpoudel/ | 📝 Gaurav Blogs

## Experience

### Rock Star Studioz

SOFTWARE DEVELOPMENT ENGINEER | BANGLORE, INDIA | FEB. 2025 - APRIL. 2025

- Migrated legacy PHP codebase to Node.js with Socket.IO and Redis, reducing **WebSocket response time by 40%**.
- Built **CI/CD** pipeline with Azure and GitHub webhooks for AKS, cutting deployment time from **10 to 2 minutes** avg, boosting **efficiency by 80%**.
- Setup end-to-end **Ingress** in **AKS cluster**, using webapprouting and integrating **Azure Key Vault** for **TLS certificate**.

**Technologies Used:** Kubernetes, Azure, Node js, Redis.

### Sariska.io

SOFTWARE DEVELOPMENT ENGINEER - REMOTE | BANGLORE, INDIA | MAR. 2023 - FEB. 2025

- Implemented entire pricing service microservice in **Golang** to calculate usage for video conferencing, messaging, co-browsing, live streaming, and recording within **1.5 months**. Exposed API **Prometheus metrics** and developed a **Grafana** dashboard for monitoring.
- Integrated **HashiCorp Vault** into a k8s cluster using Helm, ArgoCD, and Terraform with GCS backend, **eliminating 100%** of hardcoded secrets across microservices. My Blog : [LINK](#)
- Reduced node waiting time by **2-3 minutes**, resulting in **improved low latency** for end-users, through introducing pod priority and preemption in Kubernetes configuration. My Blog : [LINK](#)
- Migrated RDS instances from **AWS to GCP** using **Terraform** for automated infrastructure provisioning and seamless data migration, cutting setup time from **1 hour to under 1 minute**.
- Designed and developed multiple Android applications in **Flutter** showcasing a software development kit(SDK) used for video conferencing, messaging and live streaming functionalities.
- Implemented ArgoCD for Continuous Deployment in Kubernetes, **reducing deployment errors by 60%** for efficient application delivery.

**Technologies Used:** Go, Java, NodeJS, Flutter, K8s, Terraform, Grafana, Prometheus, Jenkins, AWS, GCP, Argo CD, Helm, PostgreSQL.

### Thulo Technology

FLUTTER DEVELOPER - INTERN | POKHARA, NEPAL | NOV. 2021 - JAN. 2022

- Designed and developed an HTML editor application UI.
- Built and designed an **examination app** that has gained **100K+ downloads** in playstore : [LINK](#)
- Designed and implemented app UI for book reading application, Python running script application.

**Technologies Used:** Flutter, WordPress, Adobe XD

## Education

### B.Sc (Hons) in Computing | Oct 2019 – Nov 2022

INFORMATICS COLLEGE POKHARA, **LONDON METROPOLITAN UNIVERSITY** | SECURED **FIRST CLASS HONORS** DEGREE.

## Project

### Crowdfund Application

PROJECT REPO: [LINK](#) | **APRIL 2025 - PRESENT** | **JAVA, SPRING BOOT**, SPRING SECURITY, HIBERNATE, WEBSOCKET, AWS,

POSTGRESQL, **KAFKA**

- Campaign owner's able to **create/draft** campaign with specified categories, manage their campaigns and view their own campaign.
- Integrated **Stripe** for payment so that donor can donate to campaign's along with word of support.
- Integrated **Kafka** along with **web socket** to view donor's list in real time along with **notification** to campaign owner's.
- Applied **pagination, searching, and sorting** functionalities with informative messaging for campaign, donor's list retrieval.
- Upload user Profile image, multiple campaign images to **AWS S3 bucket**.

### My Club | Freelance Project

PLAYSTORE : [LINK](#) | Nov. 2022 - JUN. 2023 | **JAVA, SPRINGBOOT**, FLUTTER, **MYSQL**

- This mobile application is a **club booking** to book a club, reserve a table, and order food.
- Implemented **CRUD** operations for Cart and booking in the backend using **Spring boot**.
- Designed and implemented app UI with GetX state management and **REST API** integration.

## Skills

<b>Programming</b>	Java (Fluent), Golang(Prior Experience), JavaScript(Prior Experience), Dart(Fluent)
<b>Back-end</b>	Node.js (Prior Experience), SpringBoot (Prior Experience)
<b>DevOps</b>	(Prior Experience) Kubernetes, Docker, Helm, Terraform, Grafana, Prometheus, AWS, GCP, Jenkins
<b>Front-end</b>	Flutter (Fluent), HTML and CSS (Prior Experience)
<b>Databases</b>	PostgreSQL (Fluent), MySQL (Prior Experience), Redis (Prior Experience)