

# Gaurav Poudel

SOFTWARE ENGINEER · BACKEND

Bengaluru, India | Contact no. +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** on average, boosting **efficiency by 80%**.
- Set up end-to-end **Ingress** in **AKS cluster**, using web app routing and integrating **Azure Key Vault** for **TLS certificates**.

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

### Sariska.io

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

- Built pricing service microservice in **Golang** calculating usage for video conferencing, messaging, co-browsing, live streaming, and recording within **1.5 months**. Exposed API **Prometheus metrics** and created **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 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**.
- Delivered Android applications in **Flutter** showcasing software development kit (SDK) for video conferencing, messaging, and live streaming functionalities.
- Deployed ArgoCD for Continuous Deployment in Kubernetes, **reducing deployment errors by 60%** and streamlining application delivery.

**Technologies Used:** Golang, Java, Node.js, Flutter, Kubernetes, PostgreSQL, AWS, GCP, Argo CD, Helm.

### Thulo Technology

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

- Created HTML editor application UI with intuitive user experience.
- Developed **examination app** achieving **100K+ downloads** on Play Store. [LINK](#)
- Built responsive app interfaces for book reading platform and Python script execution tool.

**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**

- Built backend APIs enabling campaign owners to **create/draft** campaigns.
- Implemented **Stripe** payment integration allowing donors to contribute to campaigns with personalized support messages.
- Deployed **Kafka** and **web sockets** for real-time donor tracking and automated **notifications** to campaign owners.
- Developed **pagination, searching, and sorting** features with dynamic messaging for optimized campaign and donor data retrieval.
- Configured automated **image upload** service for user profiles and campaign media to **AWS S3 bucket**.

### My Club | Freelance Project

PLAY STORE : [LINK](#) | Nov. 2022 - JUN. 2023 | **JAVA, SPRING BOOT**, FLUTTER, **MYSQL**

- **Club booking app** streamlining venue reservations, table bookings, and food ordering for mobile users.
- Implemented **CRUD** operations for cart and booking functionality in backend using **Spring Boot** framework.
- Delivered responsive app UI with GetX state management and **REST API** integration for seamless user experience.

**Technologies Used:** Flutter, Spring Boot, GetX, REST API.

## Skills

<b>Programming</b>	Java (Fluent), Golang(Prior Experience), JavaScript(Prior Experience)
<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)