

# Gaurav Poudel

SOFTWARE ENGINEER · BACKEND

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## Experience

### Rock Star Studioz

Software Engineer | Bengaluru, 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 Engineer | Remote | Bengaluru, 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 kubernetes cluster using Helm, ArgoCD, and Terraform with GCS backend, **eliminating 100%** of hardcoded secrets across microservices. [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. [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 demonstrating comprehensive **SDK integration** and real-world implementation.
- 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](#)
- Designed 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**

- Created 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

Google Playstore : [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

### Programming

Java (Fluent), Golang (Prior Experience), JavaScript (Prior Experience)

### Back-end

Node.js (Prior Experience), Spring Boot (Prior Experience), REST APIs, Microservices architecture, Git

### DevOps

Kubernetes (Prior Experience), Docker (Prior Experience), Helm, Terraform, Grafana, Prometheus, AWS, GCP, Jenkins

### Front-end

Flutter (Fluent), HTML and CSS (Prior Experience)

### Databases

PostgreSQL (Fluent), MySQL (Prior Experience), Redis (Prior Experience)