Anuj Dhungana
Software Engineer

Chabahil , Kathmandu • 9806058565 • dhunganaanntanta@gmail.com

@ https://github.com/edr3x in @ https://www.linkedin.com/in/anujdhungana/ https://www.anujdhungana.com.np/

Experienced engineer with 2+ years of experience in designing and optimizing scalable backend systems with a focus on performance and security. Proficient in **Node.js**, **Golang** and **PostgreSQL**, with expertise in **gRPC**, **RabbitMQ**, **Kafka**, **Docker**, **Kubernetes** (EKS, K3S), and monitoring stack (**Prometheus**, **Grafana**, **OpenTelemery**). Strong background in B2B application development, multi-tenant architectures, and secure API integrations. Skilled in **Argo CD**, **Helm**, and cloud-native technologies, with hands-on experience in **CloudNativePG**, **AWS**, and Linux-based infrastructure management. Passionate about automation, high-performance applications, and efficient resource utilization.

EXPERIENCE

Software Engineer   Gairidhara, Kathmandu

Webpoint Solutions   Aug, 2023 - Present

- Developed and maintained microservice applications using **HTTP** and **gRPC** with monitoring, logging and scaling with **Kubernetes**.
- Automated CI/CD pipeline with **Github Actions** and **ArgoCD**.
- Worked with Infrastructure as Code (IaC) to deploy and manage cloud infrastructure across development stages with **Terraform**.
- Implemented domain name provisioning as in-app feature, with providing SSL certificitates to custom user pages per client of the application.
- Utilized Helm for managing Kubernetes definitions for applications and deploying services from artifacthub.
- Implemented On the Fly image processor (compression, transformation and optimization) on multiple product websites.
- Implemented Slack API to get notification from the infrastructure whenever application crashes, panics or throws Internal Server Error for api requests.
- Worked on a wrapper around HTTP/gRPC call to exponentially retry in case of server errors.
- Implemented Caching strategies (Cache-Aside and Write-Through) to increase the performance of the application.
- Delivered multiple Technical Talks on 1) Introduction to RUST and why hype around it? 2) How your IDE autocompletes and shows errors about your code (LSP). 3) Self host your application on cloud with Docker. 4) Monitoring production application with Grafana, Loki and Prometheus.
- **Tech Stack:** TypeScript/JavaScript, Node.js, GO, AWS, Terraform, Docker, Kubernetes, PostgreSQL, Kafka, RabbitMQ, Redis, gRPC, Traefik, Prometheus, Grafana, Loki, Promtail, OpenTelemetry and many more.

Backend Developer   Kathmandu

InternSathi   Jan, 2023 - Jul, 2023

- Implimented Authentication System with JWT.
- Worked on Backend rewrite of internsathi.com from workdpress site to Nest.js
- **Tech Stack:** TypeScript/JavaScript, Node.js, PostgreSQL.

EDUCATION

Bsc. CSIT   Sanepa, Lalitpur

Sagarmatha College of Science & Technology   Nov, 2018 - Nov, 2023

REFERENCES

Rajkumar Rai - *Lead DevOps Engineer*   **Admond Tamang** - *Senior Software Engineer*

Webpoint Solutions   Webpoint Solutions
rajkumar@webpoint.io   admond.tamang@webpoint.io