



Parash Subedi

Backend Developer

Contact

- +977-9861181101
- subediparas5@gmail.com
- Kathmandu, Nepal

Skills

Programming Languages:

- Python
- Go
- Java
- PHP

Frameworks & Technologies:

- Microservices Architecture
- gRPC
- FastAPI
- Apache Flink
- Fluentd & Kinesis
- Auth0

Databases:

- SQL Databases(MySQL, PostgreSQL)
- NoSQL Databases(MongoDB)
- Caching(Redis)

Cloud and Infrastructure

- AWS (EC2, RDS, S3, IAM, Lambda, EventBridge, Kinesis, Athena, etc.)
- Docker
- Kubernetes
- Temporal

About Me

Backend Developer with **4+ years** of experience specializing in building scalable, high-performance microservices, developing and maintaining data pipelines, and managing complex backend systems. Proficient in **Python, Java, and Go**, with expertise in database management, real-time data processing, and authentication system integration. Proven track record of improving system performance and enabling cross-functional teams with tools for enhanced productivity. Passionate about writing clean, efficient, and maintainable code.

Education

- Bachelor of Computer Science**
Kathmandu University 2018-2023
Gained a comprehensive foundation in computer science theory and practical application. Learned about a wide range of topics, including algorithms, data structures, software engineering, databases, computer architecture, operating systems, and network protocols. I developed a strong understanding of both the theoretical aspects and hands-on skills needed for solving complex computational problems.

Experience

- Associate Backend Developer**
Grepsr Feb 2023 - CURRENT
 - Designed, developed, and maintained microservices primarily using **Python(gRPC, FastAPI)** and **Go**, ensuring high performance, scalability, and reliability for backend systems.
 - Built and optimized data pipelines for real-time data processing on **Java** using **Apache Flink, Fluentd, and Kinesis**, processing millions of events per day.
 - Integrated **Auth0** for user authentication and **Cerbos** for authorization, ensuring secure, scalable access control across microservices.
 - Managed and optimized databases such as **MySQL, PostgreSQL, MongoDB, and Redis** to ensure efficient data storage, fast query performance, and high availability.
 - Collaborated with cross-functional teams to make changes to a **PHP SDK** for crawling to improve functionality and ease of use.
 - Led the development of RESTful APIs and microservices, adhering to best practices in code quality, version control, and documentation.
 - Worked closely with the DevOps team to set up and **maintain infrastructure** and containerized environments using **Docker**.
 - Provided **performance optimizations** and **database tuning** for high-traffic systems, reducing API latency and improving data throughput from seconds to milliseconds.

References

Raj Maharjan

Grepsr / Senior Solutions Architect

Phone: +977-9803519294

Email: raj.maharjan@grepsr.com

Krishna Chalise

Grepsr / Senior DevOps Engineer

Phone: +977-9845448235

Email: krishna.chalise@grepsr.com