

Aashish K C

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Kathmandu, Nepal

Profile

Software engineer with a strong background in backend development and system design. Experienced in building scalable and efficient solutions, leading projects, and collaborating across teams. Passionate about solving complex problems with efficient and reliable code, and leveraging technology to create meaningful impact.

Education

Bachelor of Engineering in Computer Engineering

Kathmandu University

Aug 2017 – Mar 2022

Dhulikhel, Kavre, Nepal

- President, KU Computer Club (2021/22)
- Head of Outreach & Marketing, KU Hackfest (MLH)
- GitHub Campus Expert

Languages

- English
- Hindi
- Nepali

Experience

Software Engineer

Cyza Inc.

Sep 2023 – present | Kathmandu, Nepal

- Building a marketplace platform for services, developing APIs with Go and gRPC, and creating the UI with Go templates and TypeScript
- Working on the development of a mobile app using Expo, focusing on iOS testing and setting up internal distribution for testing
- Enhancing code quality by writing unit tests and end-to-end tests in Playwright to improve test coverage and ensure reliability

Software Engineer

Orgware Construct Pvt. Ltd.

Jan 2023 – Sep 2023 | Kathmandu, Nepal

- Developed backend services for a US healthcare application using Golang with an innovative JSON config-based backend approach
- Created a structured backend system for handling JSON configurations to manage database models and create APIs endpoints with validation
- Designed multi-step validation using JSON schema, validation rules, and custom checks, guaranteeing data integrity and precision
- Leveraged the Asynq Golang library for robust task queuing and optimizing the main application flow

Backend Developer

Rara Lab Pvt. Ltd.

Jul 2022 – Jan 2023 | Lalitpur, Nepal

- Integrated payment gateway into ERP software using Golang and standard library, enabling fund transfer, utility, and remittance functionality
- Worked with payment gateway provider to integrate API into system and conduct thorough testing
- Led data migration from MSSQL to MySQL using Pandas, developing scripts for automation and data analysis/mapping, reducing manual errors by 70% and increasing efficiency by 50%

Skills

Programming Languages

Golang, TypeScript, JavaScript, Python, R, C/C++, SQL, SAS 9.4, HTML, CSS, Lua

Libraries & Frameworks

Gin, gRPC, gorm, Cobra, Zerolog, Django, Node

Tools & Platforms

Git, GitHub, BitBucket, Docker, Kubernetes, REST, gRPC, GraphQL, MySQL, PostgreSQL, Tarantool, Aerospike, Jira, Slack