Summary

Results-driven and highly motivated software engineer with a passion for tackling diverse challenges. Proven track record of exploring, learning, and mastering new tools and technologies to efficiently solve complex problems.

Experience

Dapi

May 2021 - Present

Software Engineer - Backend and Web Scraping

Remote (U.S. based company)

- Contributed to the development and maintenance of core back-end services in Go programming language.
- Engaged with various microservices built using gokit and gofiber, which included integration with MongoDB and use of diverse data formats like protocol buffers and JSON.
- Developed web scraping and automation scripts using puppeteer, typescript, and node.js to integrate banking websites and enable open banking capabilities.
- Handled the maintenance and debugging of existing integrations which included tracking and fixing production bugs, adding optimizations, and enhancing code quality and standards to maintain over 90 percent success rate.
- Maintained Dapi libraries in a variety of programming languages (Python, Java, Go) and contributed to enhancements in the client dashboard (React).
- Helped to maintain comprehensive and up-to-date documentation for internal development processes and client-facing API documentation.

Ibriz.AI March 2022 – June 2023

Frontend developer (Part-time/Consultant)

Kathmandu

- Developed and maintained multiple projects in React and Redux.
- Excelled in translating intricate designs into functional front-end code.
- Acquired valuable expertise in integrating blockchain technologies (ICON and Ethereum) including wallets and contracts in the frontend.

Okhati Solutions December 2020 – April 2021

Full-stack Developer (Intern)

Kathmandu

- Contributed to the development and maintenance of an EMR software used by clinics, labs and hospitals.
- Added new features and modules along with improving the existing modules in the client frontend system and the backend infrastructure.
- Used tools and technologies like react, redux, nodeJS with express, Objection.js, Knex.js and postgres database.

Technical Skills

Backend: Golang, NodeJS, Express Database: MongoDB, MySQL, Postgres

Frontend: HTML, CSS, Javascript, Typescript, React, Redux, Flask

Web scraping and automation: Puppeteer

Other languages and technologies: Python, C, C++, Java, Unity (C sharp), Basic AI/ML, Mobile app development

(Java and Flutter), Blockchain

Education

Pulchowk campus, IOE, Tribhuvan University, Nepal

 ${\bf 2016-2021}$

Bachelors in Computer Engineering

Percentage: 73.6

Coursework: Software engineering, Operating system, Object oriented programming, Data structures and algorithms, Artificial intelligence, Mathematics

St.Xavier's College, Maitighar, Nepal

2014 - 2016

Higher secondary education (Science)

Percentage: 86.3

Coursework: Physics, Mathematics, Chemistry

Projects

Posture correction for gym exercises using human pose estimation | AI, Machine Learning, Python, Flask

- Bachelors final year major project.
- Worked in a group of four, contributed to the pose analysis part for generating rules and final user interface.

Exam Package management system | React, NodeJS, Express, MySQL

- Contributed to the backend and database design and implementation.
- Worked on the integration to the frontend.

Certifications

Coursera Certificate: Programming with Google Go Specialization

edX Certificate: Microservices, Serverless, OpenShift