

Roshan K.C

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EDUCATION

Mount Annapurna Campus

Pokhara, Gandaki

Bsc. in Computer Science

Expected Graduation: August 2025

Relevant Courses: Introduction to Computer Science, **Data structure and Algorithm** Advanced Full stack web development, Calculus II, Statistics II

Certifications: CS50x, Python for Everybody Specialization(**Western Michigan University**)

EXPERIENCE

Full Stack Developer

Feb 2020 – Nov 2022

Perfect Web Solutions

Pokhara, Nepal

- Developed REST APIs with ExpressJS, **Postgresql**, and **Prisma** for client projects.
- Worked on **JWT-based** and role-based authorization on projects to secure the API endpoints.
- Worked with figma and implemented frontend with **Reactjs** and Nextjs to make frontend robust and scalable
- Created API documentation using **Postman** to promote collaboration among engineers.

Full Stack Engineer

Dec 2022 – Present

CodeSoch

Pokhara, Nepal

- Worked on multiple client projects using technologies including ExpressJS, Reactjs, GraphQL, and **Nextjs**, **mongoose**
- Utilized tools such as Git, Figma, **GitHub Actions**, **Docker**, and Postman to maximize efficiency.
- Wrote test with **jest** to verify the working of nodejs app
- Collaborated on client projects and maintained codebase with **GitHub**

PROJECTS

LeftoverLift | Mantine, Nextjs, Solidity, Polygon, web3js

Jan 2023

- Implemented blockchain with **solidity** and **polygon** to create decentralized food waste and leftover management web applications.
- Deployed smart contract with polygon and created beautiful frontend with nextjs.
- Competed with the project at **Vertex Hacks Hackathon** and secured the **best use of Web3** position.

Physicalli | Tailwind CSS, Nextjs, GraphQL, Aws Amplify

October 2022

- Developed a full stack web application aimed at helping people find physical jobs and post physical job openings, using Nextjs as frontend, **GraphQL**, and AWS Amplify for the backend.
- Implemented location-based job searching and posting with the **Google Maps API**
- Leveraged the power of GraphQL and **AWS Amplify** to create a scalable backend with authentication.

Devfolio | Reactjs, ExpressJS, MongoDB

June 2021

- Build a platform where developers can create their portfolios and interact with each other.
- Leveraged **ExpressJs** to handle requests to the REST API asynchronously, increasing the performance
- **Containerized application** with **docker** to make development and deployment process efficient.

VOLUNTEERING EXPERIENCE

Committee Member

March 2021 – Present

AuraEd

Kathmandu, Nepal

- Instructed more than **150** students on computer science basics in remote regions of Nepal.
- Mentored a group of **200** students and taught **“Introduction to cloud computing with AWS”**.
- Played a key role in the expansion of the organization from **10 to 150+** members, organized **67** events that impacted **8000** children and helped raise **\$6300**.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C/C++, SQL (Postgres), HTML/CSS

Frameworks: ExpressJS, React Native, Django, Nextjs, Angular, Truffle, Hardhat

Developer Tools: Git, VS Code, GitHub actions, AWS, Docker, Postman

Libraries: Reactjs, Tailwind CSS, Bootstrap, MaterialUI, Mantine, Mongoose, Prisma