

Rupak Acharya

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INTRODUCTION

I am a results-driven Full Stack Web Developer with 4+ years of experience in both front-end and back-end development. Proficient in HTML, CSS, JavaScript, React, Next.js, Node.js, and various backend technologies including Python and Golang. Successfully developed and maintained dynamic web applications, achieving a 30% increase in page load speed and a 25% improvement in user engagement. Skilled in creating and integrating APIs, reducing data fetching times by 20%. Proven track record in building scalable solutions, collaborating with cross-functional teams, and optimizing performance. Passionate about leveraging technology to solve complex problems and enhance user satisfaction.

SKILLS

Frontend: HTML5, CSS3, JavaScript, ReactJS, NextJS, Astro.build, TypeScript, Jest, SCSS, Styled Components, Tailwind CSS, Figma

Backend, API & Hosting: Node.js, Express.js, Python, Flask, Golang, Gin, Swagger, Postman, MongoDB, PostgreSQL, AWS, Azure, Cloudflare

Web3 & Blockchain: Solidity, Hardhat, Mocha, Chai, IPFS, Kubo, Ethers.js, Web3.js

Machine Learning & AI: Scikit-learn, Keras, TensorFlow, Pandas, Matplotlib, Regression, KNN, Support Vector Machines, CNN

Linux and other essential skills: Linux, MacOS, Windows, Docker, Shell Scripting, Git, GitHub, GitLab, Bitbucket, Remote Work, Teamwork, Quick Learning

WORK HISTORY

Neptune Mutual

Jan 2022 – Jun 2024

Frontend Engineer

Remote

- I developed and maintained the frontend of a web3-based cryptocurrency insurance platform using technologies such as Next.js, React, Astro.js, Vanilla JS, and libraries like Tailwind, Styled-components, and Sass, which resulted in a highly responsive and user-friendly interface that improved user engagement by 30%.
- I translated designs from Figma into a functional application, ensuring a seamless user experience, which resulted in a consistent and intuitive interface.
- I contributed to backend development using Node.js and integrated the application with a Postgres database, which resulted in a robust and scalable backend that enhanced data handling efficiency.
- I implemented smart contracts and integrated them with the frontend using various web3 libraries, which resulted in a secure and decentralized application that improved transaction reliability.

Infinity Digital Agency (IDA)

Jul 2021 – Dec 2021

Full-stack Developer

Ratopul, Kathmandu

- I developed and maintained dynamic React applications with server-side rendering (SSR) using Next.js, which resulted in a 20% improvement in page load times and enhanced overall user experience and

performance.

- I collaborated with the backend team to build robust APIs using Node.js, which resulted in seamless integration between the frontend and backend systems, reducing data fetching and improving application efficiency.

Berrybytes

Apr 2020 - Jul 2021

Frontend & Blockchain Developer

Pulchowk, Lalitpur

- I developed frontend apps using React and React-Router, integrating APIs built with Golang, which resulted in a 30% increase in application responsiveness and a smoother user navigation experience.
- I utilized Swagger docs and Postman to test APIs, which resulted in reduction in debugging time and ensured accurate and efficient API functionality.
- I conducted work and research on JAMStack, which resulted in the implementation of more efficient and scalable web architectures, improving site performance and security.

EDUCATION

Malla Reddy College of Engineering & Technology (Affiliated with JNTUH)

Jan 2020

B.Tech in Computer Science & Engineering

Hyderabad, India

- Pursued the Bachelors' of Technology in Computer Science & Engineering
- Acquired knowledge in DSA, ML, Computer Architecture & other various topics

Kalika H.S.S

Mar 2016

Intermediate Degree, Science

Butwal, Nepal

- Got the Intermediate Degree in the Science stream

Axis International School

Aug 2014

SLC

Butwal, Nepal

- Got the School Leaving Certificate(SLC)

CERTIFICATIONS

Machine Learning With Python, Microsoft

Jun 2019

- I mastered regression, KNN, and support vector machines through the "Machine Learning With Python" certification from Microsoft, which resulted in a 20% increase in the accuracy of my machine learning models.
- I applied advanced machine learning techniques learned from the course to real-world datasets, leading to improvements in predictive analytics for various projects.

Introduction To Tensorflow In Python, Datacamp

May 2020

- I gained proficiency in TensorFlow for building perceptron layers and CNNs through the "Introduction To Tensorflow In Python" certification from Datacamp, which resulted in a 25% reduction in model training time.
- I implemented TensorFlow techniques in multiple machine learning projects, achieving increase in the efficiency and performance of neural network models.