

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

Frontend Engineer

Jan 2022 – Jun 2024

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)

Full-stack Developer

Jul 2021 – Dec 2021

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.
- I implemented state management solutions using Redux and Context API, optimizing data flow and reducing component re-renders by 30%, leading to smoother user interactions and improved application responsiveness.

Berrybytes

Frontend & Blockchain Developer

Apr 2020 - Jul 2021

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)

B.Tech in Computer Science & Engineering

Jan 2020

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

Intermediate Degree, Science

Mar 2016

Butwal, Nepal

- Got the Intermediate Degree in the Science stream

Axis International School

SLC

Aug 2014

Butwal, Nepal

- Got the School Leaving Certificate(SLC)

CERTIFICATIONS

Full-Stack JavaScript Developer, IBM

Aug 2021

- I mastered full-stack web development using JavaScript, Node.js, Express, and React
- I developed and deployed scalable web applications, improving project delivery time by 15%

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.

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.