

Rupak Acharya

acharyarupak391@gmail.com ❖ +9779863630147 ❖ Kathmandu, Nepal ❖ [Portfolio](#) ❖ [Github](#) ❖ [LinkedIn](#)

INTRODUCTION

I am a versatile Full Stack Web Developer with 4+ years of experience, specializing in React, Next.js, and Node.js for frontend and backend development. Proficient in JavaScript, Python, and Golang, I have a proven track record of enhancing application performance and user engagement. My experience in Web3 and smart contract development, coupled with expertise in machine learning, demonstrates a broad technical skill set. As a passionate problem-solver and flexible nomad, I am committed to creating innovative web solutions while fostering cross-functional collaboration.

WORK HISTORY

Bivo

Aug 2025 – Present

Senior Frontend Developer

Remote

- Developing and maintaining a creator-focused CRM platform with modern React architecture and Redux for predictable state management
- Migrating legacy codebases to updated frameworks and best practices to enhance performance, scalability, and maintainability
- Utilizing Zustand for lightweight and efficient state synchronization across dynamic app modules
- Collaborating closely with designers to translate UI/UX prototypes into responsive, high-performance product features
- Implementing secure payment workflows and ensuring reliable transaction handling within the creator network
- Streamlining feature delivery through continuous integration and deployment processes for faster release cycles
- Contributing to overall application optimization and user experience improvements through code reviews and performance tuning

Minestartars

Dec 2025 – Present

Frontend & Web3 Developer [Part-Time]

Remote

- Developing and maintaining Minestartars' blockchain investment platform using React, React Router, Redux/Zustand for state management, and Solidity for secure smart contract tokenization of mining assets.
- Integrating Web3 functionalities with ethers.js/web3.js for seamless DeFi wallets, real-time asset tracking, and milestone-based payouts in investor dashboards.
- Migrating legacy code to modern React patterns, optimizing performance and scalability for global user interfaces and transaction workflows.
- Collaborating on responsive UI/UX features and CI/CD pipelines to accelerate releases for platform expansions like project onboarding and partnerships.

Niural

Jul 2024 – Jul 2025

Frontend Developer

Lalitpur, Nepal

- Actively working on development of a comprehensive payroll, HR, and finance platform with Web3 payment technology as its core functionality
- Designed and optimized server-side rendering (SSR) and static site generation (SSG) strategies for enterprise-level financial applications
- Integrated Web3 payment gateways and blockchain transaction modules enabling secure cryptocurrency payroll processing
- Engineered reusable React components for streamlined HR workflows and employee management systems
- Collaborated with blockchain teams to synchronize smart contract interactions with intuitive frontend interfaces
- Implemented performance monitoring and state management using React Query and Zustand

- Drove adoption of end-to-end testing with Cypress and component testing using Storybook

Neptune Mutual

Jan 2022 – Jun 2024

Frontend & Blockchain Developer

Remote

- Extensively worked in development of a web3-based cryptocurrency insurance platform using React.js and Next.js
- Architected modular components utilizing both server-side and client-side rendering strategies
- Collaborated with cross-functional teams to execute product roadmap and optimize SPA architecture
- Implemented state management solutions using Redux and Context API
- Improved test coverage using Jest and Cypress
- Maintained externally shared packages and libraries

Infinity Digital Agency (IDA)

Jul 2021 – Dec 2021

Full-stack Developer

Ratopul, Kathmandu

- Developed React.js applications using Next.js for improved SEO and performance
- Designed RESTful APIs using Node.js and Express.js with PostgreSQL and Prisma ORM
- Utilized TypeScript and implemented Progressive Web App features
- Created API documentation using Swagger for seamless integration
- Employed Postman for API testing and debugging

Berrybytes

Apr 2020 - Jul 2021

Frontend Developer

Pulchowk, Lalitpur

- Developed React core components and integrated with backend APIs
- Implemented responsive designs using CSS3 and SCSS with cross-browser compatibility
- Conducted research on JAMStack, exploring Hugo, Gatsby, and Strapi headless CMS
- Led adoption of best code practices and comprehensive documentation
- Collaborated with backend developers on RESTful endpoints using Golang and Gin

SKILLS

Frontend: HTML5, CSS3, JavaScript(ES6+), ReactJS, NextJS, Gatsby, AstroJS, TypeScript, Jest, SCSS, Styled Components, Tailwind CSS, Figma, E2E Testing(Jest, Cypress)

Backend, API & Hosting: Node.js, Express.js, Python, Flask, Golang, Gin, Swagger, Postman, MongoDB, PostgreSQL, AWS, Azure, Cloudflare, SQL, NoSQL, GraphQL, REST, Cron Jobs

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

OPEN SOURCE CONTRIBUTIONS

- Contributed to Neptune Mutual, enhancing the organization's open-source projects related to decentralized insurance solutions. <https://github.com/neptune-mutual-blue>
- Actively participated in the development of Station DEX, contributing to decentralized exchange infrastructure and improving user experiences. <https://github.com/station-dex>
- Made contributions to github-file-icons, chrome extension to give icons to files in Github UI. <https://github.com/homerchen19/github-file-icons>
- Participating in bounty program: <https://github.com/commaai/flash/issues/42>

EDUCATION

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

Jan 2020

B.Tech in Computer Science & Engineering

Hyderabad, India

- B.Tech in Computer Science & Engineering Hyderabad, India

Kalika H.S.S

Intermediate Degree, Science

Mar 2016

Butwal, Nepal

- Obtained the Intermediate Degree in the Science stream

Axis International School

SLC

Aug 2014

Butwal, Nepal

- Acquired the School Leaving Certificate(SLC)

CERTIFICATIONS

Full-Stack JavaScript Developer, IBM

Aug 2021

- Mastered full-stack web development using JavaScript, Node.js, Express, and React

Introduction To Tensorflow In Python, Datacamp

May 2020

- Gained proficiency in TensorFlow for building perceptron layers and CNNs

Machine Learning With Python, Microsoft

Jun 2019

- Mastered regression, KNN, and support vector machines