

Ayush Niraula

SOFTWARE ENGINEER · FULL-STACK

Dhapa-Height, Dhapakhel, Lalitpur, Kathmandu, 44700, Nepal

☎ (+977) 986-128-1996 | ✉ ayushniraula82@gmail.com | 🏠 me-ayush-niraula.netlify.app | 📱 ayush-niraula-82 | 📧 ayush-niraula-b70876198

Summary

Software Engineer with expertise in scalable web applications, specializing in Angular, React, and full-stack development using MEAN/MERN stacks. Key contributor to projects like digital wallets, voting platforms, and modular remittance applications. Experienced freelancer in SEO, web development, and AI/ML initiatives, with a passion for solving complex problems and staying updated on the latest technologies. Continuously learning new technologies and tools as needed to adapt to evolving project requirements

Work Experience

The Big Solutions.

Kathmandu, Nepal

FRONT-END ENGINEER / FE TEAM LEAD

May. 2024 - Present

- Led a team of 5 developers and interns, overseeing all frontend tasks, focusing on Angular and React technologies.
- Spearheaded the Xpress Sewa project, delivering 21 remittance web applications across 21 platforms in just 4 months by designing a modular Angular architecture with a shared dashboard.
- Collaborated on the development of a multi-vendor marketplace admin portal, streamlining admin functionality for better scalability and performance.
- Contributed to the design and development of the Shree Om Mandir admin portal, enhancing backend management features for operational efficiency.

MyPay Digital Wallet (Smart Card Nepal).

Kathmandu, Nepal

FRONT-END ENGINEER

May. 2023 - May. 2024

- MyPay Digital Wallet: Integrated 50+ services into the platform, optimized payment workflows, added events and voting features, and improved user data flow with KYC, password/PIN, and OTP-based bank/wallet linkage.
- MyPay Gold: Developed secure digital gold transaction interfaces with user-friendly features, transaction history tracking, and seamless KYC, PAN, and bank verification processes.
- International Voting Platform: Designed an intuitive voting platform with admin and user functionalities, incorporating PayPal and Stripe for secure and smooth payment integration.
- Agent Digital Wallet: Contributed to the development of the Agent Wallet, streamlining transaction management, agent commission tracking, sub-network capabilities, and customizable commission plans to enhance agent operations.
- Worked closely with backend developers, UX/UI designers, and product managers to implement new features and resolve issues, ensuring timely and efficient project delivery.
- Collaborated on the development of a real-time notification system, ensuring users received instant updates on transactions, payments, and account activities.

Freelancer

Kathmandu, Nepal

FREELANCE DEVELOPER

Prior 2022

- Undertook diverse freelance projects, specializing in web development, to refine skills and gain hands-on experience in building and maintaining websites.
- Conducted SEO report analysis for client, enhancing expertise in optimizing website performance and search engine visibility.

Education

Tribhuvan University (Kantipur Engineering College)

Lalitpur, Nepal

B.ENG. IN COMPUTER ENGINEERING

2019 - 2023

- Project : Face Attendance System (Minor Project) and Self Driving Car Simulation Neat Library (Major Project)
- Scholarship: Awarded a scholarship for outstanding performance in the 7th semester of the Bachelor's program.

Prasadi Academy Higher Secondary School

Lalitpur, Nepal

SCIENCE / MATHEMATICS

2017 - 2019

- Relevant Coursework : Physics, Chemistry, Probability, Mathematics, English, Nepali, Optics, Organic Chemistry, etc

VS Niketan Higher Secondary School

Kathmandu, Nepal

SLC / SEE

2017 - 2019

- Relevant Coursework : Mathematics, Science, English Grammar, Account, Social Studies, Grammar, Nepali, etc

Skills

- **Languages:** JavaScript (ES6+), TypeScript, C++
- **Frontend Frameworks** Angular, React.js, Redux, NGX-Bootstrap, CSS3, HTML5, Ant Design, Tailwind CSS
- **Backend Frameworks / Libraries:** Node.js, Express.js, RxJS, MongoDB, Mongoose, MERN / MEAN stack, RESTful APIs
- **Tools:** Postman, VSCode, Mattermost
- **Version Control & Management:** JIRA (Agile), Confluence, Notion, GIT (Github)

Projects

- **MyPay Digital Wallet:** Fully-fledged digital wallet with 50+ services and 500K+ users ([Link](#))
- **Agent Module:** Agent wallet integrating custom cashback and admin agent network ([Link](#))
- **Xpress Sewa:** Money transfer application with 21 different services for Australian users ([Link](#))
- **MyPay Voting Platform:** Voting platform for multiple shows for Nepali users ([Link](#))
- **International Voting Platform:** Voting platform for international users ([Link](#))
- **Multi-Vendor Market Place :** Internal admin portals
- **Shree Om Mandir Admin Portal :** Internal admin portals
- **GitHub Repository :** Developed multiple full-stack web applications and AI/ML projects for experimentation and skill-building ([Link](#))

Certificates / Courses

MERN Stack Development

TECHAXIS INSTITUTION

-
2021

- Mastered full-stack development using MongoDB, Express, React, and Node.js for building scalable web applications.
- Developed and deployed RESTful APIs, integrated MongoDB for data storage, and implemented front-end with React for dynamic user interfaces.

Complete React JS Course

BROADWAY INFOSYS / KEC

-
2020

- Learned React JS fundamentals, including components, hooks, and state management for building dynamic UIs.
- Gained practical experience developing minor projects in React.JS

Data Science and ML Bootcamp

FREE CODE CAMP

-
On-Going

- Learning basics of python to develop skills in data analysis, machine learning algorithms, and model deployment.