



BINISHA NAGA

 <https://binisha-portfolio.vercel.app/>

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SUMMARY

I am a Full Stack Developer skilled in React, Next.js, Tailwind, FastAPI, Python, and AWS, with strong knowledge of modern web technologies. I am passionate about Artificial Intelligence and Machine Learning and continuously explore ways to integrate AI into practical applications.

WORK EXPERIENCE

Full Stack Developer, Dhimay Tech

Jul 2024 - June 2025

- Built dynamic and responsive UIs using React, Next.js, TypeScript, and Tailwind.
- Integrated backend APIs using Axios, implemented client-side caching and synchronization with TanStack Query, and managed global state through Zustand.
- Implemented robust form handling with React Hook Form, added smooth animations using Framer Motion, and delivered polished, consistent interfaces with Material Tailwind and shadcn UI libraries.
- Designed and developed RESTful APIs using FastAPI, creating endpoints for authentication, OAuth flows, dynamic content management, bookings, media uploads, and admin features.
- Built and optimized PostgreSQL schemas.
- Implemented unit and integration testing using pytest.
- Deployed and maintained AWS infrastructure, working with EC2 (Docker and bare-metal servers for application hosting), RDS PostgreSQL, S3 (media storage, static hosting), amplify(static hosting) and SES (email delivery), AWS resource tagging for billing.
- Implemented secure authentication and authorization (JWT, OAuth2), and followed OWASP security best practices across backend services.
- Used Docker for containerization.
- Contributed to the Flutter mobile app.

Full Stack Developer, Blys

June 2025- present

- Maintained and improved the core Blys platforms (Web App, Pro App, Client Mobile App, and the Admin Panel), using Node.js, React, React Native, and Next.js ensuring consistent UI and smooth functionality across all products.
- Worked on UI by fixing UI inconsistencies, improving layouts, refactoring reusable components
- Added and enhanced features in both frontend (React/React Native) and backend (Node.js)
- Collaborated closely with designers, QA testers to define requirements, prioritize issues, and deliver updates on time
- Troubleshoot and resolved bugs, reducing user-reported issues and improving platform stability

Technologies: React, React Native, Next.js, Node.js, Express, Bitbucket, Jira, JavaScript, TypeScript, MySQL

EDUCATION

Bachelor in Computer Science and Information Technology
Samriddhi College

2020 - 2025

+2 (Science)
Khwopa Secondary School

2018-2020

SKILLS

- React
- Next.js
- FastAPI
- TypeScript
- Tailwind
- React Native
- AWS
- Python
- Pytorch

PROJECTS

Ascend

- Link: <https://ascend-roan-one.vercel.app>
- Productivity app with goal tracking, task scheduling, calendar, vision boards, and note-taking features, including affirmation audio playback. Implemented a serverless backend using AWS Lambda, deployed the frontend on Vercel, and utilized Supabase for database management and S3 for storage.

Tech Stack

- Frontend - Next.js, TypeScript, Tailwind CSS v4
- State - Zustand, TanStack React Query
- Backend - Python 3.11, FastAPI
- Database - PostgreSQL, SQLAlchemy 2.0 (async ORM), Alembic (migrations)
- Storage - aws S3
- Auth - JWT, bcrypt, Google OAuth, OTP email verification
- UI - Radix UI, Framer Motion, Lucide React
- Deployment - Aws lambda, vercel

Key Features

- Hierarchical goal tree with progress tracking
- Calendar-based task scheduling
- Vision board with S3 image uploads
- Affirmation audio
- Google OAuth + email OTP authentication

NEPSE portfolio tracker

- Link: <https://ascend-roan-one.vercel.app>
- portfolio analytics dashboard for Nepal Stock Exchange (NEPSE) investors. Investors upload their TMS Trade Book (Excel) and MeroShare CDSC Holdings (CSV) to get an instant breakdown of their portfolio. Implemented a serverless backend using AWS Lambda, deployed the frontend on Vercel

Tech Stack

- Frontend - Next.js, TypeScript, Tailwind CSS v4
- Backend - Python 3.11, FastAPI
- Deployment - render, vercel