Sagar Thapa Chhetri

FullStack Developer

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[Portfolio Website](#) [LinkedIn](#) [Github](#)

Work Experience

FullStack Developer at Bootwall R&D   Feb 2023-Jan 2024

I worked as a MERN stack developer in Bootwall R&D, During my tenure I was involved in the projects like College MS, Gym MS, Ecommerce Apps and Blockchain based Defi apps.

Full Stack Developer at Beyond Labs   March 2024-present

Monorepo Architecture
- Worked on a unified monorepo containing BeyondAI Docs, shared APIs, and frontend applications
- Developed frontend using Next.js and backend APIs with Fastify.
- Utilized PostgreSQL for data storage and Redis for caching and session management.

Serverless Architecture using Lambda & Defi Copilot on NextJS
- Worked on a TDD environment against DB with multiple services like authentication, wallet & telegram.
- Involved on building Defi copilot using llms like openai, grok-3 using light ruled based instruction.
- Handled db migration from Postgres to DynamoDB using script and batching techniques.

Tech Skills

Front End

React, Redux, Typescript, HTML5, CSS3 TanStack, UI Libraries

Backend

Node JS, Restful APIs, Serverless lambda, Postgres, MongoDB

Devops

Basics of Docker & Soft TDD using CI Vercel & Netlify for deployment

Other Skills

Git/Github, Trello, Slack

Projects

Defi Copilot Agent based on Hedera chain [LINK]

AI-powered DeFi Copilot on Hedera that lets anyone instantly create tokens, view balances, add liquidity, and perform swaps through a single automated interface. It removes all the technical complexity of smart contracts, approvals, ratios, and routing, turning advanced DeFi actions into simple, one-step commands for users of any skill level.

Food Ordering System

A web based Food ordering system, where user can place an order and pay through web3 wallet. The system also involves the meal management, order processings.

Trade Flux (DEX) [LINK]

It is an DeFi app where user can set an order based on BTC as a trigger price. User can place a limit order based on the price action of BTC or ETH. It is because the price of BTC is crucial for other AlT tokens. Eg when BTC drops 10%, most of the ALTs drops by 25-30% so this system provides us an advantage of buying Alts when BTC drops & vice versa.

Petgomania (Pet Commerce & Adoption)

This is a ecommerce website for pet shops where the shop owner can list their products, execute orders, manage inventories. It also has a feature for pet adoption (Cats & Dogs). It has a chat feature so that user can interact with the pet owner for queries.