

Shubham Yadav

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EDUCATION

St. Wilfred School

High School, Science

Jaipur, Rajasthan

Aug. 2015 – May 2024

EXPERIENCE

Founding Engineer

MemePay

June 2023 – Jan. 2024

Remote

- Built a crypto exchange platform focused on seamless Solana memecoin trading
- Developed backend services using FastAPI and Go, with Redis for caching and queuing [Backend Repo]
- Designed a responsive frontend using Next.js, ensuring a smooth trading experience [Frontend Repo]
- Integrated wallet features and secure transaction flows from scratch

Backend Developer

Groot Music

Sep. 2022 – June 2025

Remote

- Maintained and scaled the backend of Groot, a high-traffic Discord music bot with premium features
- Developed services using TypeScript, PostgreSQL, and MongoDB; integrated secure payment APIs
- Resolved major production bugs and optimized performance across thousands of servers
- Contributed to bot reliability, uptime, and scalability under heavy concurrent usage

PROJECTS

Patreon Payments API Integration | Python, FastAPI, OAuth2, Webhooks

2025

- Implemented a secure backend integration with Patreon to manage premium access using OAuth2
- Handled webhooks for real-time updates on subscriptions, pledge changes, and cancellations
- Designed endpoints to sync user access levels with third-party services and Discord roles
- Ensured robust logging, signature validation, and error handling for payment workflows

Vivix AI | TypeScript, React, Next.js, AI APIs, Edge Functions

2025

- Built an AI platform similar to ChatGPT with multi-agent support and real-time response handling
- Enabled users to create custom AI agents using a modular React + Next.js interface
- Integrated multiple AI backends to dynamically fetch responses and enhance agent versatility
- Leveraged serverless edge functions and TypeScript for low-latency, scalable inference workflows

TECHNICAL SKILLS

Languages: Go, Python, JavaScript, Typescript, SQL (Postgres), HTML/CSS, R

Frameworks: React, Node.js, Flask, JUnit, WordPress, Material-UI, FastAPI, Next.js, GIN, net/http

Developer Tools: Git, Docker, Github Workflow, AWS, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib, FastAPI, discord.py, sqlite3, requests, websockets, aiohttp, Celery, Pydantic (Python); gin-gonic, gorilla/websocket, pq, redis, cobra, zap, godotenv (Go)