Vinay Choudhary

Full-Stack Web Developer | 3+ Years | 🖥 vinaychoudhary.com

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Profile Summary

Results-driven Full-Stack Developer building seamless **user interfaces** and **scalable back-end systems**. Skilled in both collaborative and independent work. Currently managing three innovative Products: 🔗**eatOS**, a sophisticated Dashboard designed for comprehensive restaurant management, 🔗**OrderOS**, an innovative platform for streamlined online ordering and delivery services and 🔗**Maya**, an advanced AI/ML chatbot for enhancing company operational efficiency.

Experience

EATOS POS INC. | Fullstack Web Developer
March 2023 – Current | Miami, FL | Remote

- → Integrated multiple **payment gateways**, including **TotalPay (UAE)**, **Adyen (UK)**, and Developed API's for server-to-server communication to validate payments, manage transactions, and streamline payments.
- → Implemented robust **authentication** and **authorization** systems using **OAuth2, NgRX/Redux**, and **JWT**, enhancing user experience and **reducing unauthorized access attempts.**.
- → Streamlined restaurant onboarding to **UrbanPiper (POS Integration)** and **Otter (cloud kitchen)** using secure authentication and server-to-server communication **via webhooks**, enabling seamless data synchronization and **optimizing operations by 40%**, while ensuring a **responsive web design**.
- → Developed **'Maya', an responsive AI Chatbot** powered by advanced **NLP models** and MongoDB **vector search**, delivering comprehensive restaurant reports and Q/A, **resulting in a 50% boost in Merchant engagement**.
- → **Optimized RESTful APIs** and functions on both frontend and backend, **reducing data retrieval time by 35%** and significantly improving application performance.

INDIANIC INFOTECH LIMITED | Jr. Software Engineer
March 2022 – March 2023 | Ahmedabad, India | Onsite

- → Integrated **Firebase Authentication** into the portal, enhancing security and streamlining user processes for a seamless user experience.
- → Leveraged **Firebase Realtime Database** to efficiently store and manage employee data, ensuring **real-time synchronization** and data integrity across the platform.

Projects

LEARNING MANAGEMENT SYSTEM | 🔗**View Demo** [Vite, TypeScript, React, Node, Express, MongoDB, JWT, OAuth2, MUI, Redux, Stripe, Redis, BullMQ, SendGrid, fast2sms]

RAG LEARNING AGENT | 🔗**View Demo** [RAG, LangChain, LangGraph, OpenAI-Embeddings, MongoDB Atlas Vector Search]

GROUND BOOKING PLATFORM | 🔗**View Code** [MicroServices, TypeScript, Node, Express, Redis, BullMQ, Jwt, OAuth2, AWS S3, Multer, ESLint, Winston, Husky, Swagger]

AI CHAT MESSENGER | 🔗**View Code** [TypeScript, Next.js, LangChain, Firebase-Auth, FireStore, TailwindCSS, OpenAI, Anthropic(Claude)]

ONLINE FOOD ORDERING PLATFORM | 🔗**View Demo** [TypeScript, React, Node, Express, MongoDB, RazorPay, Leaflet, Jwt]

TRAIN BOOKING APP | 🔗**View Demo** [Vite, TypeScript, React, Firebase-Auth, FireStore, Redux-Toolkit, ESLint, Prettier]

Skills

PROGRAMMING

Proficient:
Python (DSA)
Experienced:
HTML • CSS • JavaScript
TypeScript • Mongoose
OOPs

LIBRARIES/FRAMEWORKS

jQuery • Node.js • React.js
Next.js • Express.js • Angular
Redis • Redux-Toolkit • AXIOS
Sendgrid • Stripe • TotalPay
CardConnect • Adyen • Twilio
Bootstrap • Material UI
Tailwind CSS • Winston

DATABASES

MongoDB • MongoDB Atlas
SQL • NoSQL • FireStore
Firebase Realtime Database

AI / LLM TOOLS

LangChain • LangGraph
OpenAI API • Claude API
Gemini API • VectorDB
Embeddings

PLATFORMS/CLOUD

AWS EC2 (Linux) • Git • Cursor
PM2 (Node Process Manager)
VS Code • Vercel • Render
Firebase • Netlify

Education

TAMIL NADU SPORTS UNIVERSITY
M.Sc in Sports Psychology
2018 - 2020 | Chennai, India

GEETANJALI INSTITUTE OF TECHNICAL STUDIES
B.Tech in Computer Science
2013 - 2017 | Udaipur, India