

# Vinay Choudhary

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

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 Github

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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**', a **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 ]

### 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 ]

### AI INTERVIEWER CHATBOT | View Code [ React, Node, Express, LangChain, OpenAI, Anthropic(Claude), Multer, Axios ]

### 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 • OpenAI API  
Claude API • Gemini API  
VectorDB • Prompt Engineering  
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