Chihteng Ma

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SUMMARY

Full Stack Developer with experience building scalable web applications using React, TypeScript, Node.js, and Django. Skilled in RESTful API development, database optimization, and cloud deployment on AWS. Proven ability to deliver high-impact solutions, including ETL pipelines that reduced data processing time by 30% and payment integrations serving education platforms. Career transitioner bringing strong problem-solving skills and client management experience from 7+ years in technical operations.

EXPERIENCE

Full Stack Developer — Oct. 2024 – Mar. 2025
Orlando O. Spencer Inc. — *Remote / NY, NY*

- Engineered an ETL pipeline using Node.js and TypeScript for a real estate client, automating Excel-to-JSON data transformation and frontend visualization, reducing manual data verification time by 30%
- Architected and implemented scalable RESTful APIs with Node.js and TypeScript, enabling seamless data flow between backend services and Angular frontend components
- Debugged and resolved 20+ client-reported frontend defects in Angular application, improving UI consistency and reducing customer support tickets by 25% through systematic root cause analysis
- Deployed and maintained production services on AWS EC2 with Docker and PM2, achieving 99%+ uptime through proactive monitoring and infrastructure optimization

Senior Lab Technician — Sep. 2015 – Dec. 2022
Luster Photo Lab Inc. — *NY, NY*

- Managed end-to-end film processing and photo development operations, optimizing workflow processes that reduced turnaround time by 30% while maintaining quality standards
- Trained and mentored 10+ new technicians on technical procedures, equipment operation, and quality control protocols, ensuring consistent service delivery
- Served as primary client liaison, managing customer expectations, troubleshooting technical issues, and delivering solutions that improved customer satisfaction and retention

PROJECTS

Flovv | *Django, PostgreSQL, React, React Native, Docker, AWS, Redis, Celery* — 2025 – Present

- Building a multi-tenant SaaS platform for education studios with Django and PostgreSQL, supporting subscription-based accounts, student enrollment, and automated scheduling
- Developing cross-platform mobile application using React Native and Expo, enabling students and parents to manage schedules, payments, and communications on iOS and Android
- Integrated Stripe API for recurring and one-time payments with secure tokenized transactions, handling complex billing logic for multiple subscription tiers
- Implemented background task processing using Celery and Redis for email notifications and real-time updates via Django Channels (WebSockets)

Siftly | *TypeScript, Node.js, React, TailwindCSS, OpenAI API* — 2025

- Developed a productivity-focused Chrome extension that automates Gmail management tasks, enabling one-click email categorization, archiving, and bulk actions to reduce inbox overload
- Built TypeScript-based backend services with Node.js for API orchestration, handling asynchronous job execution and secure communication with Gmail and OpenAI APIs
- Integrated OpenAI API to analyze email content, auto-categorize messages, and generate intelligent reply drafts based on context and user preferences
- Engineered responsive UI with React and TailwindCSS, leveraging Chrome Extension APIs for secure authentication and cross-origin communication

ValueCell (Open Source) | *React, TypeScript, TailwindCSS, Bun* Oct. 2025 – Present
- Contributing to frontend development for an AI-driven multi-agent financial platform, fixing UI layout bugs and implementing responsive design improvements
- Refactored React and TypeScript components to improve code maintainability and resolved rendering issues in agent detail pages
- Collaborated with open-source community through code reviews and pull requests. <u>View on GitHub</u>

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, SQL, HTML/CSS
Frontend: React, React Native, Angular, Next.js, TailwindCSS
Backend: Node.js, Express.js, Django, Django REST Framework
Databases: PostgreSQL, MySQL, MongoDB
DevOps & Tools: Docker, AWS (EC2, S3), Linux, Git, CI/CD, GitHub Actions, PM2, Redis, Celery, Pytest, Jest, Stripe API, OpenAI API, Sentry, Agile/Scrum

EDUCATION

Fullstack Academy Remote
Certificate in Full Stack JavaScript Development *Mar. 2023 – Jul. 2023*

University at Buffalo Buffalo, NY
Bachelor of Arts in Economics *2015*