Chihteng MA

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LinkedIn | Github | Portfolio

Summary

Full Stack Developer experienced in architecting and developing web applications using **Node.js, TypeScript, React, and Django.** Skilled in designing and implementing **RESTful APIs,** managing **SQL and NoSQL databases,** and deploying application on **AWS** using **Docker.** Strong background in system design, **performance optimization,** and **automated testing.** Collaborative team player with a focus on maintainable, high-quality code and continuous improvement across the development life cycle.

SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, Python
- **Frameworks:** Node.js, Express.js, Django, Django REST framework, React, Angular, NEXT.js
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Cloud & Infrastructure:** AWS (EC2, S3), Docker, Linux, CI/CD, GitHub Actions (learning Terraform)
- **Testing:** Jest, Pytest
- **Other Tools:** Redis, Celery, PM2, Sentry, Git, Agile/Scrum

EXPERIENCE

Open Source Contributor | ValueCell (GitHub) | Remote / NY,NY
Oct 2025 - Present
- Maintained and improved the front-end interface of an AI-driven multi-agen financial platform.
- Fix UI and rendering issues to ensure consistent performance and responsive design.
- Refactored React and TypeScript components for better maintainability and scalability.
- Collaborated with the open-source community through code reviews, PRs, and technical discussions.
- **Tech Stack:** React, TypeScript, Tailwind CSS, Bun

Full Stack Developer | Orlando O. Spencer Inc. | Remote / NY,NY
Oct 2024 - Mar 2025
- Designed architected **scalabled RESTful APIs** with **Node.js** and **TypeScript,** enabling seamless integration with Angular frontend services.
- Implemented **dual-database solutions (MySQL + MongoDB)** to optimize performance across structured and unstructured data.
- Developed **ETL pipelines** for ingesting and transforming large datasets (CSV/XLSX) into normalized database schemas.
- Deployed and maintained backend services on **Linux + AWS EC2** using **Docker** and **PM2,** ensuring high uptime and scalability.

- Collaborated with cross-functional teams in **Agile sprints** to resolve tickets, conduct **code reviews**, and ensure adherence to best practices.

Senior Lab Technician | Luster Photo Lab Inc. | NY, NY
  Sep/2015 - Dec/2022
- Managed film processing and photo development operations, streamlining workflow processes that reduced turnaround time by **30%**.
- Trained and supervised new technicians, ensuring adherence to quality standards.

TECHNICAL PROJECTS

Flovv (In Progress) | Full Stack Developer | Django, PostgreSQL, React, AWS | 2025
- Co-developing a **SaaS platform** that connects education studios with students and parents.
- Designed and implemented a **multi-tenant architecture** supporting subscription-based accounts and scalable onboarding.
- Built and optimized **student enrollment, scheduling, and teacher management** systems using **PostgreSQL** and **Django REST Framework**.
- Integrated **Stripe** for recurring and one-time payments with secure tokenized transactions.
- Developed **background task processing** using **Celery + Redis** and **real-time notifications** vis Django Channels (WebSockets).
- Deployed services to **AWS (S3, EC2)** with **Docker**, improving scalability and fault tolerance.
- Added **Automated API tests** to valiadate business logic and prevent regressions.

Gmail Assistant Chrome Extension | TypeScript, Node.js, Open AI API | 2025
- Developed a **productive-focused Chrome extension** that automates Gmail management tasks with one-click actions.
- Built **TypeScript-based backend services** with Node.js for API handling and asynchronous job execution.
- Integrated **OpenAI API** to analyze and categorize recent emails, showcasing API orchestration and real-time data parsing.
- Engineered a responsvie UI with **React + TailwindCSS** and leveraged **Chrome Extension APIs** for secure communication.
- [GitHub Repo](#)

EDUCATION

Fullstack Academy | Web Development Bootcamp

Certificate in Full Stack JavaScript Development | 03/2023 - 07/2023

University At Buffalo
Bachelor of Art in Economics | 2015

Languages

- **Mandarin (Fluent)**
- **Cantonese (Fluent)**
- **English (Fluent)**