ChihTeng Ma

Full Stack Developer

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Experienced professional with 7 years in the photo film industry transitioning to a career as a Fullstack Developer. Demonstrated ability to expand skill set and acquire valuable knowledge in web development. Thrives in dynamic environments that encourage continuous learning and actively seeks opportunities to leverage expertise and contribute to impactful projects.

TECHNICAL SKILLS

Coding: *Python, Node.js, TypeScript, C++, React/ Redux, Angular, TailwindCSS, PostgreSQL, MySQL, Next.js, MongoDB*

Software: *Microsoft Office Suite, Adobe Photoshop*

TECHNICAL PROJECTS

Podium Sports Management | **FullStack Developer** | Podium | 07/2023
- Developed a comprehensive sports management platform that enables players, teams, and sports organizations to streamline their operations, manage schedules, track performance, and communicate effectively. The platform offers features such as match management, player profiles, and statistics tracking.
- Developed robust RESTful APIs using Node.js and Express.js for seamless data integration between frontend and backend systems.
- Implemented responsive design principles using BootStrap to ensure the platform is optimized for various devices and screen sizes.
- Integrated OAuth login functionality to enable seamless login options via Facebook, Twitter, and Google accounts, enhancing user convenience and accessibility.

Event Platform | **FullStack Developer** | Evently | 12/2023
- Engineered a comprehensive event management system with robust backend architecture using Next.js 14 and Node.js, handling complex data relationships between events, users, and ticketing processes.
- Implemented RESTful API endpoints and server-side data transformation services to efficiently process and integrate event information from multiple sources.
- Designed and optimized database schemas for saclable storage and retrieval of event data, user profiles, and transaction records.
- Developed secure data integration between Stripe payment processing system and application backend, ensuring reliable transaction workflows and data consistency.
- Implemented responsive design principles using TailwindCSS to ensure the platform is optimized for various devices and screen sizes.

EXPERIENCE

Lab Technician | **Luster Photo Lab Inc.** | NY, NY
Sep/2015 - Dec/2022
- Processed and developed various types of film, such as color negative, black and white, and slide film, ensuring accurate exposure and developing times.
- Conducted quality control checks on processed prints, ensuring proper color balance, exposure, and image sharpness.
- Collaborated with photographers and designers to provide custom printing services, including enlargements, photo retouching, and color corrections.
- Implemented efficient workflow processes to streamline photo development and printing operations, resulting in a 30% reduction in turnaround time. This improvement enabled us to offer same-day services to our customers.
- Trained and supervised new technicians, imparting knowledge on lab procedures, equipment usage, and quality standards.

Full Stack Developer Intern | **Orlando O. Spencer Inc.** | Remote/NY, NY
Oct/2024 - Feb/2025
- Designed and implemented robust RESTful API endpoints using Node.js and TypeScript, enabling seamless data flow between frontend and backend.
- Architected and maintained dual database systems using MySQL for relational data and MongoDB for document storage, optimizing data access patterns for different application needs.
- Developed ETL processes for importing and transforming large datasets from various file formats (including XLSX spreadsheets) into MongoDB collections, ensuring data integrity throughout the integration pipeline.

- Managed project deployments and backend infrastructure on Linux environments, ensuring system stability and performance.
- Collaborated with clients to troubleshoot and resolve backend system issues, focusing on database optimization and API performance.

EDUCATION

Fullstack Academy Web Development Bootcamp   03/2023 - 07/2023
Software Engineering Certificate
Full-time, Full Stack Javascript Web Development Immersive

University At Buffalo   06/2015 graduated
Bachelor of Art in Economics

Additional Information

- **Language:** Fluent in Mandarin, Cantonese