YiChun (Jing) Chen

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Education

Northeastern University   09/2024 – 06/2026
MSc, Information Systems (GPA: 4.0/4.0)   San Jose, CA
National Taiwan University   09/2016 – 06/2020
B.B.A, Accounting   Taipei, Taiwan

Skills

- **Programming Languages**: Java, JavaScript, Python, PHP
- **Data Management**: SQL, NoSQL, MongoDB, PostgreSQL
- **Web Development**: Django, Spring Boot, Laravel, HTML/CSS, Express.js, React, Node.js, Bootstrap, RESTful API, Figma
- **Technology**: AWS, Cypress, Docker, Git, Jira, Kubernetes, PowerShell
- **Leadership** - Communicator at International Companions for Learning Program, Ministry of Education

Work Experience

Firewall Enterprise   11/2023 – 08/2024
Software Engineer (Backend Team)   Remote
- Implemented over 50 APIs using PHP, Laravel, and MySQL, including user authentication, real-time notifications, and data synchronization, within an Agile framework, resulting in the launch of key features that boosted user engagement by 15%
- Increased data retrieval efficiency by 25% in a Laravel-based system by leveraging Redis for caching, optimizing SQL queries, and refining database indexing and schema design, leading to improved system performance and a better user experience
- Led the integration of NewebPay API for automated payment processing, reducing manual invoicing workload by 95% and saving over 15 man-hours per week, significantly enhancing operational efficiency
- Delivered 5+ business-critical solutions aligned with strategic goals, enhancing product offerings, improving customer satisfaction, and driving a 10% increase in revenue within six months

Taiwan External Trade Development Council   05/2021 – 07/2022
Accounting Specialist   Taipei, Taiwan
- Achieved 60% time savings spent on repetitive tasks by automating a manual data recording process using Python scripts

Ernst & Young   07/2018 – 08/2018
EY Academy Intern   Taipei, Taiwan
- Conducted auditing practice reviews, analyzing and correcting over 1,000 financial transaction records, ensuring 100% compliance with regulatory standards, enhancing client trust through detailed financial reconciliations

Volunteering

Software Developer, American Technology Initiative   2024
- Built the first iteration of the Member Platform using Python, Django, and PostgreSQL, establishing the foundational architecture for the organization's core product

Projects

Instagram Full-Stack Clone - JavaScript / React.js / MongoDB / RESTfulAPI / Testing / Git   06/2024
- Developed full-stack features such as user registration, profile management, dynamic posts, media uploads, and social interactions, maintaining 80% test coverage using Jest, Supertest, and Cypress
- Spearheaded a resilient Express.js/MongoDB RESTful API with real-time updates and JWT session management

Amazon Full-Stack Clone - JavaScript / Node.js / React.js / Express.js / Bash / Firebase / Stripe API / Git   06/2024
- Integrated checkout, payment, and user authentication with real-time Firebase database features for an e-commerce platform, enhancing functionality, including developing efficient cart functionality and optimizing product handling for users

Tutor Web Application - Java / Spring Boot / SQL Server / JavaScript / RESTfulAPI / Git   01/2023
- Developed a full-stack web application for accessing online learning resources and facilitating online tutoring sessions
- Architected the backend with Java, Spring Boot, and SQL Server to ensure robust data management and efficient system