

ChiaTe (Mark) Wang (Full Stack Engineer)

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[[Portfolio](#), [LinkedIn](#), [Github](#)]

Professional Summary

ChiaTe (Mark) Wang is a software engineer with hands-on experience in data-centric full-stack development, having **over 4 years** of expertise in **Python, SQL, JavaScript, Docker, and AWS Services**. Notable achievements include successfully assisting businesses in transitioning into data-driven enterprises by digitalizing and systematizing 90% of operational work, spearheading the increase in test coverage of products from 0% to over 80%, and collaborating with teams to foster a high delivery standard.

Experience

Senior Software Engineer

Sep 2022 - Aug 2023

Wistron Information Technology & Services Corp.

Taipei, Taiwan

- Spearheaded the maintenance and development of 10+ new features for the Product Design Portal working with Django MTV architecture, JavaScript, Bootstrap, and PostgreSQL.
- Detected and resolved over 20 unique bugs, resulting in a substantial enhancement of the application's overall performance and stability.
- Attained a test coverage of 80%+, ensuring the seamless operation of the application by establishing unit tests.
- Engineered a 50% reduction in repetitive tasks through the optimization of UI elements, enhancing the efficiency of the system.

Full Stack Developer

Jun 2019 - Aug 2022

VAR Live Entertainment Ltd.

Kaohsiung, Taiwan

- Spearheaded the development of an e-sport equipment management system utilizing Vue.js, Django, ORM, MySQL, AWS EC2, and S3, enhancing operational efficiency and data management within the organization.
- Developed and maintained a data pipeline for collecting e-sport equipment operational data using Kafka and Logstash.
- Led the design and development of a multi-layer user management and authorization system, incorporating an approval mechanism for enhanced security and access control.
- Leveraged Docker container technology in deployment scenarios by defining Dockerfiles and prebuilding images, resulting in an 80% reduction in deployment environment setup times.
- Deployed a load balancing system using Nginx, successfully eliminating client app launching failures to 0%.
- Developed cross-platform data visualization applications with Flutter, eliminating the need for routine weekly reports, thus saving significant time on manual reporting tasks.
- Contributed to the culture of high coding quality within the team by actively participating in code reviews and mentoring junior members through organized training sessions.

Education

Master of Information Management (National Sun Yat-Sen University)

{Jun 2021, Aug 2023}

Trainee of AI and Big Data Analysis (Coding Bootcamp)

{Jan 2019, Jul 2019}

Bachelor of Business (Southern Taiwan University of Technology)

{Sep 2015, Aug 2019}

Skills

Programming Languages: **Python, TypeScript, JavaScript, SQL, R, HTML, CSS**

Frameworks/Libraries: **Django, Flask, React.js, Vue.js, Flutter, Pandas, Numpy**

Dev Tools: **Git, TDD, Pytest, Docker, AWS, Nginx, Redis, PostgreSQL, MySQL, AWS Redshift**