

Yeji Hwang

FULL STACK DEVELOPER

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Experience

Maum.ai

North York, ON

FULL STACK DEVELOPER

Dec. 2020 - Jul. 2024

- Designed and launched four subscription-based web applications, focusing on user experience and streamlined functionality; applications are currently utilized by over 1,500 customers, driving consistent monthly revenue growth.
- Analyzed and fixed over 1,000 critical bugs in the application, resulting in improved response times and increased user engagement among 5,000 active users, leading to a more reliable product experience.
- Analyzed and corrected 30 functional discrepancies highlighted by QA during testing phases; implemented comprehensive test data strategies that reduced post-launch errors by 40% and streamlined the release cycle.
- Established a comprehensive tagging system in Jira that categorized over 500 issues; this innovation enabled faster access to historical data, improving team response times by 30% on critical bugs.

Projects

AI Human Device

Maum.ai

FRONT-END DEVELOPER

2023-2024

- Developed innovative front-end kiosk applications with React and Tailwind, leading to a dramatic boost in user adoption rates; the application is now deployed in over 50 locations worldwide, serving thousands of customers daily.
- Directed the integration of AI tools, such as TTS and STF, which not only streamlined communication but also resulted in a 35% increase in positive feedback from users in the post-interaction surveys.
- Designed and implemented a socket-based communication method for device control that improved data accuracy by 35%, ensuring reliable information flow and enhancing overall system integrity in operational processes.

Maum.ai

Maum.ai

FRONT-END DEVELOPER

2023

- Led the shift from React to Web Components in the UI, resulting in a significant decrease in TTI by 30% while concurrently improving user interaction times, boosting overall satisfaction in the user experience.
- Established reusable components integrated into the development workflow of 10+ team members, contributing to a significant increase in efficiency and project delivery speed across the board.

M Studio

Maum.ai

FULL STACK DEVELOPER

2022-2023

- Orchestrated a comprehensive redesign of the application's UI leveraging ReactJS, introducing real-time canvas previews; user engagement metrics showed a 25% increase in daily active users within three months.
- Implemented a comprehensive admin dashboard that streamlined customer inquiry tracking and resolution processes, enhancing operational efficiency by 20% and enabling the team to handle 50% more requests daily.
- Developed seamless integration of backend services for video encoding, achieving a 20% improvement in encoding speed and decreasing user wait times, while managing over 500 concurrent encoding requests per day.
- Deployed containerized applications on AWS using Docker, achieving a 50% reduction in deployment time while enhancing system scalability to support a user base growth of over 30% within six months.
- Initiated a data storage enhancement project that involved categorizing 1,000+ video files on the CDN, improving site performance and reducing buffering times by 15% during peak traffic periods.
- Engineered a transformative enterprise application enhancement that streamlined operations and generated an additional \$1.0 million in revenue.

Skills

Client-side	ReactJS, VueJS, TypeScript, JavaScript, HTML5, LESS, SASS, jQuery, Tailwind
Server-side	Java, Python, Spring, NodeJS, REST API, gRPC, GraphQL
Tools	GIT, Maven, Docker, Postman, Jira, Confluence
DevOps	AWS, Docker, Kubernetes, Apache, NginX, MySQL, MongoDB

Education

University of Waterloo

Waterloo, ON

B.M. IN COMPUTATIONAL MATHEMATICS

2014-2020

- Computer Science Minor