Lee Wei Kang

Software Engineer

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Languages: Chinese, English, Malay

A Software Engineer with 2 years of experience in high-performance web application development. Proficient in frontend with React and Angular, backend with Restful API and MySQL. Experienced in code version management and deployment pipeline, ensuring smooth release in cloud environment. Experienced in leading projects, migrating technologies, and implementing modern UI designs. Seeking to leverage skills in a dynamic environment to contribute to cutting-edge projects in Singapore.

Skills

Frontend Development: React, Angular, HTML, CSS, JavaScript, TypeScript, Bootstrap, TailwindCSS, SASS
Backend Development: .Net, Nodejs, Spring Boot, MySQL, PostgreSQL
Dev Ops: Git, Docker, AWS, Ubuntu, Terraform
Machine Learning: Python, Jupyter Notebook, Tensorflow, Open AI
Tools: Visual Studio Code, Visual Studio, Postman, Chatgpt, Dbeaver, Sourcetree

Experiences

Mar 2024 - Present

Software Engineer · **Full-time**
EF Software Pte Ltd, Singapore
Leaving Reason: Career growth is limited.

- Designed and developed web applications to optimize the daily facilities management operations.
- Contributed to the migration of web applications to a Software-as-a-Service (SaaS) model, enhancing the scalability and accessibility.
- Implemented motion detection and image classification to identify hazardous animals and provide real-time alerts in high-traffic areas.
- Developed Optical Character Recognition (OCR) solutions to automate text extraction, reducing manual workloads and increasing efficiency.
- Participated in version control management and the deployment pipeline, ensuring smooth integration and release in cloud environments.
- Contributed in upgrading the base code architecture and enhancing development libraries to improve performance and maintainability.

Oct 2023 - Feb 2024

Software Engineer · **Full-time**
Tiong Nam Logistics Holdings Berhad, Johor, Malaysia

- Design, build, and deploy high-performance web applications and APIs, ensuring optimal functionality and user experience.
- Develop web applications to track real-time live locations of trucks, enabling efficient logistics management.
- Implement modern and visually appealing UI designs to enhance the overall look and feel of web applications.
- Lead the migration of outdated technologies to new, updated stacks, ensuring seamless transitions and improved performance.
- Evaluate new solutions and make recommendations for the continuous improvement.

May 2022 - May 2023

Software Engineer · **Part-time** · **Sep 2022 - May 2023**
Ounch Sdn Bhd, Kuala Lumpur, Malaysia

- Maintain and update software to meet the latest client requirements.

- Render new 3D maps as per client specifications.
- Troubleshoot, debug, and enhance existing software and plugins to improve overall performance and user experience.
- Provide timely and effective technical support to address client issues.

Software Engineer Intern · **Internship** · **May 2022 - Aug 2022**
Ounch Sdn Bhd, Kuala Lumpur, Malaysia

- Conduct research and development on emerging technologies to identify opportunities for replacing traditional solutions with more advanced alternatives.
- Develop prototypes that reflect the availability and functionality of proposed solutions, showcasing their potential benefits.
- Analyze user behaviors on digital signage with machine learning and build a dashboard to visualize the analysis result.

Education

Nov 2021 - Dec 2021 **Bachelor in Computer Science Hons Artificial Intelligence**
Multimedia University, Malacca, Malaysia

CGPA: 3.89

Projects

Software-As-A-Service (SaaS) Projects
Tech Stack: .Net, PostgreSQL, AJAX

- Implement SaaS in web applications to improve scalability.
- Implement Single Sign-On (SSO) to increase security and improve user experience.

Warehouse Management System
Tech Stack: Java, Oracle

- Collaborate closely with users through discussions to gather system requirements.
- Update system data mapping to align seamlessly with client warehouse systems, ensuring accurate data transfer and optimal system integration.
- Investigate and troubleshoot complex problems within systems and applications.

Certificates

Huawei Certification – AI · valid through 02 Dec, 2024

Hobbies & Interests

Hobbies: Body Building, Running, Programming, Basketball, Badminton, Chess
Interests: Machine Learning, Software, Finance, Investment