

LONG PHAM

Software Engineer

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Profile

I am a passionate software engineer with a solid foundation in the education sector with strong communication skills and a collaborative spirit. I am eager to apply my technical prowess and continuous learning mindset in a forward-thinking team.

PROFESSIONAL EXPERIENCE

Software Engineer at Jung Talents

June 2022 - Present

Company Website: <https://jungtalents.com>

- I collaborate effectively with my team leader, following Agile practices to ensure that application documentation on business logic and new feature planning was iterative and adaptable, reflecting changing project requirements. Through clear and open communication, we maintain a shared understanding of project goals and evolving requirements.
- Successfully migrate database on-premises to cloud and applied archive database solution on document search to optimise the search feature for PTE Master project. Resulting in 20% more satisfied users on the platform.
- Create comprehensive technical documentation, including API documentation and developer guides, demonstrating attention to detail and analytical skills, ultimately enhancing the onboarding experience for new team members.
- Demonstrate problem-solving skills and adaptability in a dynamic agency environment with new projects.
- Showcasing creativity by developing a new feature on automatic student correct and performance analytics to suggest different strategies and skills for users using Typescript and NestJS. These analytical insights assist tutors in identifying individual strategies for students with a 20% increase in efficiency.

Technical skills

- Language: JavaScript, Typescript, HTML, CSS
- Framework: React, ExpressJS

- Database: MySQL, MongoDB, PostgreSQL
- Version Control: GitHub, Gitlab
- Testing: Unit testing with Jest
- Design and Document: Figma, Jira, Confluence
- Cloud: AWS(EC2)

Commercial Projects

Carina Eye Care

<https://carina-eye-care.vercel.app>

- Led collaboration with stakeholders to outline project goals, scope, and timelines, ensuring clarity and alignment throughout.
- Took initiative to develop and execute comprehensive test plans, identifying, and resolving migration issues.
- Paid attention to detail to create and maintain detailed documentation, such as user manuals, troubleshooting guides, and knowledge base articles, to assist both end-users and team members in understanding and using the project's technologies.
- Proactively monitor project systems, networks, and software, promptly identifying potential issues and perform routine maintenance tasks to keep them running smoothly.
- Technologies: Front-end React, Storyblok, Typescript.

CCL MAGIC

<https://platform.cclmagic.com.au>

- Demonstrated analytical skill by reading source code and understanding the workflow.
- Resource Provisioning: Set up and configure AWS resources, such as EC2 instances, MongoDB database according to project requirements.
- Employed critical thinking to orchestrate the end-to-end deployment of CCL Magic on Amazon Web Services (AWS), optimising infrastructure for scalability and cost-effectiveness.
- Achieved more stability for the web system, cut 30% cost by enabling auto scaling for application to automatically adjust resources based on demand.
- Monitored system performance and resource utilization, proactively identifying, and resolving issues to maintain high availability.
- Continued learning new technology as well as documented the AWS infrastructure, configurations, and deployment processes for knowledge sharing and future reference.
- Technologies: Front-end React, Back-end NodeJS, MongoDB, AWS App Runner, AWS Amplify, AWS Route53.

Education

Coding Boot Camp

Full stack web developer with focus on HTML, CSS, and JavaScript MERN stack.

Monash University

Bachelor of Business

Major in Marketing

Kaplan Business School