Hung Thai (Jack)

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Bendigo, Victoria

SOFTWARE DEVELOPER

Results-driven Software Developer with 3+ years of experience in full-stack development, specializing in PHP, JavaScript, and AWS cloud infrastructure. Passionate about building scalable, secure, and high-performance web applications. Experienced in DevOps, automation, and database management to enhance software reliability and efficiency. Adept at collaborating with cross-functional teams to deliver innovative solutions that drive business success.

PROFESSIONAL EXPERIENCE

Software Developer | **March 2021 - Present**

RACE Services

- Spearheaded the development and optimization of backend APIs using PHP and JavaScript, reducing API response time by 30%.
- Containerized applications using Docker, improving deployment efficiency and reducing development setup time.
- Designed and implemented AWS-based infrastructure, leveraging EC2, S3, Route53, and RDS, leading to a 40% improvement in system reliability and cost efficiency.
- Integrated CI/CD pipelines with GitHub Actions, automating deployments and enhancing software delivery.
- Improved database performance by optimizing MySQL queries and utilizing Redis for caching, leading to a 25% decrease in page load times.
- Enhanced security measures by implementing password management best practices (Keeper), reducing vulnerability risks across the development environment.
- Worked in an Agile environment, utilizing JIRA to manage sprints and track development progress.

EDUCATION & CERTIFICATIONS

Bachelor of Information Technology   **July 2021**

LaTrobe University

Linux For PHP Developers   **October 2024**

LinkedIn Learning

DevOps With AWS   **October 2024**

LinkedIn Learning

TECHNICAL SKILLS

Programming & Development
- PHP, JavaScript, MySQL, Redis, HTML, CSS
- Python, Java, TypeScript

DevOps & Cloud Computing
- AWS (S3, EC2, RDS, Route53, SNS, Load Balancing, Auto Scaling Groups)
- Docker (Containerization)
- CI/CD (GitHub Actions)
- Linux (WSL)

Security & System Management
- Secure Password Management (Keeper)
- Database Optimization & Performance Tuning
- IoT & Embedded Systems

Tools & Technologies
- Github, Terraform

PROJECTS & ACHIEVEMENTS

Quirry App
- Quirry was developed using PHP, MySQL and JavaScript
- Maintaining back-end workflow
- Able to automated JSEA and Service reports on AWS servers
- Utilize AWS Services for security and load balancing
- Containerize application into microservices for application scalability