

Jian Yang Lee

DevOps Engineer

Profile

Experience

Location: Brisbane, Australia
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AWS-certified cloud-native engineer with expertise in AWS, Kubernetes, Terraform, and CI/CD automation, optimizing SaaS platforms for scalability and cost efficiency. Proven experience in Kubernetes Helm chart deployments, optimising CI/CD pipelines with GitHub Actions, and implementing observability tools like New Relic and Splunk. Passionate about enhancing cloud infrastructure, improving developer productivity, and leading cross-functional teams.

Flight Centre Travel Group / DevOps Engineer - Platform Team

May 2024 - PRESENT | Brisbane Australia

- Led the migration of 20+ cross-functional teams' Kubernetes deployments from Rundeck to Octopus Deploy, leveraging Helm charts for manifest files
- Deployed New Relic to monitor 20+ apps, reducing incident response time by 12%
- Executed EKS node group upgrades, ensuring zero downtime for critical applications
- Proficient in writing and managing Dockerfiles, creating multi-stage builds
- Automated infrastructure deployments across 10+ environments using Octopus Deploy and Terraform, reducing deployment time by 20%, improve release efficiency
- Advocating engineers on cloud architecture solutions. Supporting developers in maintaining and deploying shared infrastructure using AWS CloudFormation
- Driving POC efforts and deploying AWS GuardDuty Malware Protection on S3
- Implemented an event-driven system with AWS EventBridge, collaborating with architects to refine the design, resolve cross-team pain points, and deployed a POC

Flight Centre Travel Group / Full Stack Engineer - Payments Team

May 2023 - May 2024 | Brisbane, Australia

- Developed new features for the Payments Platform & Gift Card Portal, using React, TypeScript, SQL, and AWS CDK
- Integrated third-party payment systems like Adyen & Salesforce, building dashboards
- Automated deployment pipelines using CI/CD with GitHub Actions
- Leveraged CloudWatch Logs and Splunk for comprehensive debugging, log analysis

ProcurePro / Jnr Software Engineer

Sept 2022 - May 2023 | Brisbane, Australia

- Built Account Profile management system using Aurelia TS and PHP framework
- Scoping out features on the product roadmap using Epics and User Stories
- Implemented unit/integration testing using Jest, Cypress and Playwright
- Conducted QA testing & release management, ensuring production stability.

Algomint / Software Engineer (Contract)

May 2022 - Aug 2022 | Brisbane, Australia

- Launched a V1 cross-chain application on Mainnet, offering easy access to mint/redeem \$goUSD with \$USDC, deployed on the Algorand network
- Designed reusable components bridging functionality with PyTeal smart contracts
- Built a dark mode integration option as a toggle feature, created issues on ZenHub

AskDr / Frontend Developer

June 2021 - Sept 2021 | Singapore

- Provided continued maintenance of bug fixes and implemented enhancements
- Conducted user-centred research and validation activities for Doctor-to-Doctor
- Interviewing GPs & Specialists, user testing, and online observation

Certifications

AWS Solution Architect - Associate / Amazon Web Services

May 2024

AWS Cloud Practitioner / Amazon Web Services

Sept 2023

Skills

Cloud & DevOps

- **Cloud:** AWS, Google Cloud
- **Containerization:** Docker, Kubernetes
- **Infrastructure as Code (IaC):** Terraform, AWS CDK, CloudFormation, Helm
- **CI/CD & Automation:** GitHub Actions, Octopus Deploy
- **Observability & Monitoring:** New Relic, Splunk

Software Development

- **Languages & Frameworks:** TypeScript, JavaScript (React, Vite, Express, Hono, Bun)

Collaboration & Workflow

- **Tools:** GitHub, Jira, Confluence, Trello, Eraser.IO, Miro
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Education

University of Queensland / B.S. in Computer Science (Machine Learning)

Feb 2019 - July 2022 | Brisbane, Australia

- Sponsorship Director of UQ Malaysian's Students' Association (UQMSA) 2021/2022
- Virtual Singapore Startup AdVenture with UQ Ventures
- Performed under the Queensland University Musical Choir (QUMS) - [highlight](#)

Taylor's College / Cambridge International AS & A Levels

Sept 2016 - July 2018 | Selangor, Malaysia

Others

GBR Group Co / Freelance Developer

- Launch their corporate website gbrgroupco.com, worked closely with the Founders
- Stack: Vite + React, CloudFlare, Tanstack Router, TailwindCSS, Bun, Material UI

University of Queensland / EAIT Industry Mentor

- Mentored two junior engineers, providing career guidance and technical training.

Pacemates Run Club / Founder

- Built a running community of 50+ members, organising weekly training and events.
- Expanding our social presence on [Instagram](#) and [Strava](#) through active engagement

HotHack Hackathon / Team Leader

- Competed and led a team of 4, focused on streamlining data collection for artist managers, capturing essential data points, aiming for an user-friendly platform

Interest

- Marathoner (Sydney 2023, Brisbane 2024, Sunshine Coast 2024)
- Entrepreneurship, Cloud Infrastructure, Gen AI, LLMs, Cryptocurrency
- Content Creation (Sony ZV-E10 II, DaVinci Resolve, DJI mic)

Languages

- English, Mandarin, Malay

* Professional references - available on request