JIAN YANG LEE

DEVOPS ENGINEER

CONTACT

- (+61) 0431 928 222
- Brisbane, Australia
- jianyang.lee75@gmail.com
- linkedin.com/in/jianyanglee
- github.com/leejyang00

SKILLS

Platform & Services

Cloud - AWS, Google

Platforms - Docker, Kubernetes

Observability - New Relic, Splunk

Management & Tooling

Project Management - GitHub, Jira, Confluence, Trello, Eraser.IO

CI/CD - GitHub Actions, Octopus Deploy

IAC - AWS CloudFormation, AWS CDK, Helm, Terraform

Languages & Frameworks

JavaScript/TypeScript - React.JS, Vite.JS, Jest, Express.JS, Hono, Bun Drizzle ORM, CloudFlare

----

PROJECTS

Corporate Website for GBR Group

- Freelance project building a corporate website representing six subsidiary companies to elevate their online presence based in Malaysia
- Collaborated with stakeholders to design and deliver a responsive, visually compelling website within tight deadlines

Telegram Bot as a Spending Tracking App

- Built and deployed a Telegram Bot on Google Cloud Functions, using Telegraf.js with Bun + Hono

E-commerce App with Stripe Payments

- Built a streamlined buying application with Stripe Payments API

PROFILE

Experienced in managing cloud architecture, with expertise in tools such as Kubernetes and Docker for containerized applications. Proficient in handling CI/CD and deployment pipelines using GitHub Action Workflows and Octopus Deploy, while continuously improving developer experience for teams. Skilled in practicing Infrastructure as Code with Terraform and CloudFormation.

Working as a freelance developer building websites for companies. Developing SaaS solutions on the side, finding market loopholes in all areas. Leaning into Generative AI and LLMs recently, always have keen interest in the cryptocurrency/blockchain space.

WORK EXPERIENCE

Flight Centre Travel Group, Brisbane, Australia
A global travel company with over 15,000 employees and presence in 25+ countries

DevOps Engineer - Platform Team   May 2024 - Present

- In-charge on migrating cross-functional team's Kubernetes deployments from Rundeck to Octopus Deploy leveraging Helm charts for manifest files.
- Strategised, coordinated and executed scheduled EKS node group upgrades
- Proficient in writing and managing Dockerfiles, creating multi-stage builds
- Managing application deployments across multiple environments using Octopus Deploy's Terraform provider, ensuring consistent infrastructure management and automated workflows for staging and production
- Adept at designing and visualising AWS cloud architecture through detailed diagrams to present solutions for knowledge sharing and execution. Supporting developers in maintaining and deploying shared infrastructure using AWS CloudFormation across multiple business units.

Full-Stack Web Engineer - Payments Team   May 2023 - May 2024 (1 yr)

- Developed new features and enhancements for the Payments Platform and Gift Card Portal application, including both frontend & backend components - Utilising React, TypeScript, SQL, AWS SDK
- Demonstrated seamless integration with third-party platforms such as Adyen and Salesforce, implementing dynamic dashboards, and providing Flight Centre consultants with intuitive and actionable insights
- Deploying and managing cloud infrastructure, leveraging infrastructure as a code using AWS CDK - Utilising other ranges of AWS services, including SQS, SNS, Lambda, API Gateway, Route 53, and CloudFront
- Leveraged CloudWatch Logs and Splunk for comprehensive debugging, log analysis and testing of applications, extracting valuable insights and identifying potential issues

ProcurePro, Brisbane, Australia
SaaS simplifying subcontractor procurement solutions for the construction industry

Junior Software Engineer   Sept 2022 - May 2023 (9 mths)

- Following Aurelia TS and PHP framework - developed Account Profile management page with shareable components
- Scoping out features on the product roadmap using Epics and User Stories
- Writing effective unit and integration tests using Jest, Cypress and Playwright
- Performed QA testing and produced status reports using Excel before deploying to Production, with submissions of release notes to the team

JIAN YANG LEE

DEVOPS ENGINEER

CERTIFICATIONS

AWS Solution Architect - Associate

Amazon Web Services   May 2024

AWS Cloud Practitioner

Amazon Web Services   Sept 2024

LEADERSHIPS

Industry Mentoring Program at UQ,
Program Mentor
Mar 2024 - Oct 2024 (8 mths)

HotHack Hackathon, Team Leader
Jan 2024

PaceMates Run Club, Founder
Oct 2023 - July 2024 (10 mths)

INTEREST

Generative AI / LLMs

Cryptocurrency / Blockchain

Entrepreneurship

Tech Startups/Hackathons

Cloud Infrastructure

Marathoner (Sydney 2023, Brisbane 2024, Sunshine Coast 2024)

LANGUAGES

English

Mandarin

REFERENCES

Professional references - Available on request

Algomint, Brisbane, Australia
A digital cryptocurrency asset bridge platform built on the Algorand blockchain

Junior Software Engineer (Contract)   May 2022 - Aug 2022 (3 mths)

- 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 following Atomic Design principles, bridging its functionality with PyTeal smart contracts deployed onto mainnet/testnet
- Built a dark mode integration option as a toggle feature in the application
- Created issues on ZenHub to meet weekly scrum targets

SPACE Platform, Brisbane, Australia
Analytics + insights platform for commercial buildings, mixture of hardware and software tech

React Developer Intern   Nov 2021 - Feb 2022 (3 mths)

- Configured logging in functionality and authorization with Socket.IO-client and JWT Authentication - developed reusable Chart.js for multi-level building analytics
- Developed a responsive demo dashboard, creating custom reusable components using React with Javascript and Typescript, utilising Websockets for continuous real-time analytics feeds

AskDr, Singapore
An online platform democratising access to reliable medical information

Frontend Developer Intern   Jun 2021 - Sep 2021 (4 mths)

- Conducted user-centred research and validation activities for Doctor-to-Doctor Referral feature: interviewing GPs & Specialists, user testing, and online observation
- Provided continued maintenance of bug fixes and implemented enhancements that significantly improved web functionality - Planning tasks with agile (Kanban) method, using Notion for setting up sprints
- Used GIT for project version control using Rails framework

Boss Tradie, Brisbane, Australia
A marketing agency providing tailored advertising solutions to tradies in the Brisbane region

Web Developer Intern   Nov 2020 - Feb 2021 (4 mths)

- Launched bosstradie.com.au - created detailed designs and documentation to formulate design solutions to rebrand their official company logo, website, and outlook – with close collaboration with the co-founders
- Provided technical SEO support, quality assurance, and recommendations to execute strategies for content development. Adopted tools such as PageSpeed Insights, SEMrush, and Yoast SEO
- Improved on-site SEO on over 5 of our client's WordPress websites with increased traffic by 11%, through data analysis and UI/UX improvements

EDUCATION

University of Queensland (UQ)   Feb 2019 - July 2022
Bachelor of Computer Science - Majored in Machine Learning

Taylor's College   Sept 2016 - July 2018
Cambridge International AS & A Levels - Mathematics, Physics, Economics

Tenby International School - Setia Eco Park   Aug 2012 - June 2016
Cambridge O Level