SOFTWARE ENGINEER

Duy Anh Khoa (Kevin) Vu

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CAREER SUMMARY

Software Engineer with 5+ years of full-stack experience building scalable web applications with TypeScript, Go, and AWS. I design high-performance serverless systems, own production reliability, and integrate payment platforms such as Stripe and Adyen.

EXPERIENCE

Software Engineer · EQL

Apr 2022 – Present

Melbourne, Australia · eql.com

4 years 7 months

Tech Stack: TypeScript, Go, AWS (Lambda, DynamoDB, S3, CloudFront), Node.js, React.

- Architected and maintained a high-throughput web platform on AWS serverless stack (Lambda, DynamoDB, CloudFront), handling over 250 QPS with 99.99% uptime.
- Led integration of Stripe and Adyen payment gateways, reducing checkout latency by 30% and supporting international transaction compliance.
- Owned critical production systems as on-call lead; proactively resolved P1 incidents, decreasing MTTR by 40% through improved observability and alerting.
- Collaborated with product and UX teams to launch features that improved customer retention by 15%, based on post-launch usage metrics.
- Optimized back-end Go services to reduce cold-start time and memory usage, enhancing system efficiency during peak traffic.

Junior Software Engineer · Away / Digital Home /

Dec 2020 – Jan 2022

Melbourne, Australia · awaydigitalhome.com

1 year 2 months

Tech Stack: TypeScript, Python, AWS, Node.js, React, krpano.

- Designed and deployed a 360-degree virtual home viewer for real estate clients, increasing client engagement by 20%.
- Implemented scalable serverless infrastructure on AWS, reducing monthly infrastructure costs by 35%.
- Developed internal automation tools using Python and TypeScript, cutting manual QA time by 80% and accelerating content deployment.
- Built custom integrations using krpano for rendering and interaction in virtual environments.

SKILLS

Languages	TypeScript, Go, JavaScript, Python
Frameworks/Libraries	React, Node.js, GraphQL, REST APIs
Cloud/DevOps	AWS (Lambda, DynamoDB, S3, API Gateway, CloudFront), CI/CD, Serverless Framework
Tools & Technologies	Remix, Gatsby, Stripe, Adyen, Shopify, Git
Core Competencies	System Architecture, Algorithms & Data Structures, Performance Optimization, Solution Design

EDUCATION

Bachelor of Software Engineering · RMIT University

Jul 2018 – Jul 2022

EXTRACURRICULAR

PowerApps Developer · Australian Red Cross Lifeblood

Jan 2022 — Feb 2022

Melbourne, Australia · lifeblood.com.au

2 months

Tech Stack: `Power Apps, Power Automate, Test Studio, Dataverse.`

- Delivered a fully functional reporting tool in PowerApps within 6 weeks, improving data processing efficiency.
- Implemented secure workflows with digital signatures and access control using Power Automate and Dataverse.
- Automated QA testing using Test Studio, ensuring >95% test coverage and system reliability.
- Recognition: Solution adopted in production and received High Distinction.

CERTIFICATION

Certified Solution Architect Associate Certification (expired) · AWS

Dec 2021 — Dec 2024

CSIT Peer Mentor Certificate · RMIT University

Mar 2020 — Jul 2020