

# Hamish Clulee

## Head of Engineering | AI systems | Full-stack product engineering

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github.com/hamishclulee Melbourne, Victoria, Australia

Engineering leader with a hands-on background across AI automation, ERP/product systems, regulated web platforms and high-performance front-end engineering. I build teams, tighten delivery systems and ship practical software that survives real operational use.

- AI automation
- Engineering leadership
- ERP systems
- TypeScript
- AWS

### SELECTED IMPACT

#### Production AI design pipeline

Three-model industrial design workflow now used by management and design teams.

#### 2 customer-facing ERPs

Shipped across two Voltek companies, covering product, inventory, purchasing, shipping and financials.

#### 5 to 12 engineers

Grew SprintSuite engineering capacity in four months while improving release flow.

### EXPERIENCE

#### Head of Engineering - Voltek HK

Jan 2025 - Present

Hong Kong SAR, remote | Internal tooling, AI automation and ERP platforms for 1000+ staff

- Shipped two customer-facing ERP platforms across Voltek companies, spanning product data, inventory, purchase orders, shipping workflows and financial operations.
- Built WeChat-based automation using OpenClaw to convert new order data into structured entries, generate related purchase orders and send them through the right operational channels.
- Implemented AI tasking and reminders through WeChat so staff do not miss orders, shipments, invoices or purchase orders.
- Delivered a production industrial design pipeline using three cooperating models: Codex-driven prompt generation, a heavily LoRA-trained FLUX.2-klein artist model, and a VLM critic using RAG plus visual LoRA evaluation.
- Established the LoRA training and feedback loop that lets the system filter, improve and regenerate product imagery; outputs have been used by management/design teams and have moved products into sale and production.

#### Head of Engineering - SprintSuite

May 2025 - Mar 2026

Remote / hybrid | Engineering team growth, delivery process and build performance

- Grew the engineering team from 5 to 12 engineers in four months, improving hiring flow, onboarding and team structure.
- Reduced build times from almost two hours to roughly five minutes by rebuilding developer workflow and CI bottlenecks.
- Moved release cadence from monthly releases, often slipping to six weeks, to daily production releases.

#### Lead Engineer - Betfair Australia

May 2022 - Feb 2025

Melbourne, remote | Next.js, TypeScript, AWS, Python, Lambda, GraphQL, PostgreSQL, Google Tag Manager

- Delivered registration, customer preference and watchlist systems inside a strict regulatory framework.
- Built a Preact application inside Google Tag Manager with CI/CD through AWS.
- Implemented client-side event tracking across web and mobile, supporting analytics, acquisition and product decision-making.
- Led small engineering teams of 3-5 engineers across product delivery and operational improvements.

## Independent Contractor - Self-employed

Dec 2020 - May 2022

Remote | JavaScript, TypeScript, React, Vue, D3.js, AWS, Python, Ruby on Rails, GraphQL, PostgreSQL

- Worked with US, New Zealand and Australian companies across Web3, finance, government infrastructure and media.
- Delivered senior engineering work with product design, mentoring and coaching responsibilities across Zer0, Fluency, Watercare NZ and Stream AU.

## Tech Lead / Lead Engineer - Aduro

Dec 2019 - Dec 2020

Ho Chi Minh City, Vietnam | JavaScript, TypeScript, Vue, Node.js, PostgreSQL, Microsoft Azure, Sentry, accessibility

- Led a roughly 20-engineer team for a US health and wellness platform, with responsibility across delivery, training and hiring.
- Rebuilt build pipelines and developer experience across Webpack and Azure, reducing developer time spent on bugs from about 60% to 15%.

## Lead Frontend Developer - Netograph

Jul 2018 - Dec 2019

Remote | JavaScript, TypeScript, Vue, D3.js, Node.js, Puppeteer, Linux, Go

- Architected and built a high-performance D3-heavy front-end capable of working with millions of data points.
- Designed component-driven Vue/TypeScript architecture, interactive UI systems, OAuth tooling and custom infinite scroll using Bigtable resume tokens.

### EARLIER EXPERIENCE

#### Software Developer - Fusion Sport

Aug 2016 - Aug 2018 | Full-stack development across Java, Vue, DevOps, team and project leadership.

#### Private Tutor & Lab Demonstrator - University of Otago

Jan 2016 - Dec 2016 | Tutoring and lab demonstration for computer science and information science papers.

### EDUCATION & SKILLS

#### Bachelor of Software Engineering - University of Otago

Feb 2012 - Nov 2016 | A-grade average; private and university tutor.

- AI agents
- VLMs
- RAG
- LoRA training
- Industrial design automation
- TypeScript
- Next.js
- React
- Vue
- Node.js
- Python
- AWS
- GraphQL
- PostgreSQL
- CI/CD
- Team growth