Bruce Haoqian Huang

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Portfolio: **brucehh.dev**

Experience

Full Stack & AI Development Intern Jul 2026 – Present
Ftured - Early-stage startup building a network for creatives *Melbourne, VIC*

- Develop core features for Ftured, a cross-platform **mobile app (Flutter, Supabase)** with **1,500+ beta signups** ahead of its public launch in **Nov 2026**
- Build the **jobs** and **portfolio** features end to end, letting designers, musicians, filmmakers and writers showcase their work and discover creative opportunities
- Partner directly with the founders on **brand identity**, product strategy and launch planning, shaping how Ftured is positioned to creatives and turning business goals into shipped features

Full Stack Developer Dec 2025 – Mar 2026
Valui Healthcare - Continence Care *Dandenong, VIC*

- Engineered a **Next.js e-commerce platform** and custom Admin CMS integrated with a backend ERP, enabling the sales team to independently manage **40+ products** and automating warehouse data sync
- Streamlined warehouse and courier order tracking by centralising fulfilment workflows, eliminating manual calls and emails and reducing order resolution time across **100+ B2B partners**
- Built Valui Cortex, a **mobile application (React Native)** integrating AI-assisted features, supporting continence care tracking for **300+ patients** and simplifying product discovery and care decisions for non-technical users

Junior Full Stack Developer Apr 2025 – Dec 2025
Australian Centre for the Prevention of Cervical Cancer *Carlton, VIC*

- Developed and enhanced **canSCREEN®**, a global registry platform that has screened over **100,000 women**, optimising full-stack features for high-concurrency, large-scale screening programs worldwide
- Built a patient data and hospital record registration system for the **Bowel Cancer Screening Participant Follow-up Function (PFUF)**, enhancing data accuracy, reducing manual entry, and enabling timely follow-up for **thousands of participants in Victoria**
- Collaborated with clinicians, testers, BAs and product managers to deliver **WCAG-compliant** solutions meeting healthcare program requirements and **ISO standards**

Main Projects

Portfolio Website *(for additional information and projects)* *→ brucehh.dev*

Lies, Lies, Mystery | *Next.js, Groq, 8bit UI, Vercel* *→ Try the Game: lies-lies-mystery.vercel.app*

- Finalist at **Hackiethon 2026**: built an AI-powered murder mystery interrogation game with AI-generated cases
- Integrated **Groq** via Next.js API routes to dynamically generate unique victims, locations, weapons, and suspects with distinct personalities each playthrough, ensuring no two games are identical
- Designed an immersive retro detective UI using **8bit UI** and **Pixellab** assets, delivering a cohesive game-like experience in the browser

Technical Skills

Languages: TypeScript/JavaScript, C#, Dart, Kotlin, C/C++, SQL, Python
Frameworks: React, Next.js, React Native, Flutter, Vue.js, Node.js, .NET
Backend & Data: Supabase, PostgreSQL, Prisma, tRPC **Tools**: Git, Docker, Azure, AWS, Figma, Tailwind CSS

Education

Swinburne University of Technology Hawthorn, VIC
Bachelor of Computer Science (Professional), Major in Software Development *Feb 2023 – Jul 2027*

- Emerging Leader Award 2025
- Vice-President & Treasurer of *Swinburne Badminton Club* - New Club of the Year 2023