# VAHID ALAMIPOUR

**Lead AI Engineer · Multi-agent systems · Full-stack product delivery**

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Australian Permanent Resident · full working rights, no sponsorship required

## Professional Summary

- **Hands-on Lead AI Engineer at Bilue**, with **16+ years in software engineering**. AI engineering has been central to daily work since **2025**.
- **Owner and main architect of Foundry**, a multi-agent app builder used daily by Bilue's team and on client projects. Technical leader of its **roughly 30-person group**.
- **Built VShell alone, end to end**, to coordinate teams of AI agents. Full-stack delivery background spanning React, React Native, TypeScript, Node.js and .NET.

## Technical Skills

- **AI systems:** agentic AI, large language models (LLMs), multi-agent orchestration, prompt engineering, Agent Skills, AI-assisted code review and testing
- **AI development tools:** Claude Code (subagents, custom skills, hooks, automated loops), OpenAI Codex, Cursor, GitHub Copilot
- **Product engineering:** TypeScript, JavaScript, React, React Native, Next.js, Node.js, Express, .NET, REST and GraphQL APIs, SDK design
- **Cloud and data:** AWS (EC2, S3, Lambda), Docker, CI/CD, Git, Linux, PostgreSQL, MySQL, MSSQL, MongoDB

## Professional Experience

**Bilue** · Sydney · Jan 2022 – Present

**Lead AI Engineer · Oct 2023 – Present**

*AI engineering focus since 2025.*

- **Foundry:** Owner and main architect from its start around late 2025. Used every day by Bilue's team and on client projects; **REST (superannuation) and Lifeline** are Bilue clients using it.
- Designed the **Claude Code and Claude API** agent workflow: planning, plan review, development, testing, code review and UI fidelity checks against designs, with quality loops and shared skills and rules.
- Provide technical direction for **about 30 people** across engineering, business analysis and QA; review other teams' contributions to Foundry and guide developers into AI-first delivery.
- **Ticketek:** Automated **PricePro fee management**, reducing manual administration on the React/.NET pricing platform. Delivered AI engineering work using Claude Code agents in a large legacy codebase.
- **Medenterprises:** Shipped **MedWorld** to the **App Store and Google Play**, owning React Native architecture and leading a **six-person team**. Delivered the MVP within six months and v1 three months later.
- **Vanguard:** Delivered a key React Native feature on time through planned milestones, using Claude Code for planning, implementation and review.
- **Dovetail:** Led full-stack work across React, Node.js and GraphQL APIs, using AI tools to navigate a large unfamiliar codebase.

**Senior Frontend Developer · Jan 2022 – Oct 2023**

- **Mirvac:** Stabilised an inherited React and React Native codebase and improved maintainability.
- **Athena Home Loans:** Senior React Native delivery and code quality. **ABC iview:** Senior web development.

**VAI Soft Lab** · Sydney · Jul 2026 – Present

**Founder · Creator of VShell** · vaisoftlab.com/vshell

- **Designed, built and released VShell alone**, a Mac app for AI agent teams using Claude Code, Codex and Cursor Agent. Development began around Apr 2026.
- Implemented **Model Context Protocol (MCP) servers** and **retrieval-augmented generation (RAG)** within its agent system, alongside a project-manager agent, tickets, voice meetings and human approval steps.
- In **daily use for about four months** as of Oct 2026, running sales, content, research and social media work with AI agent teams.

**Usetiful (DobbyTec)** · Estonia (remote) · Aug 2021 – Present

**Lead Frontend Consultant (Fractional, part-time)** · onboarding platform for SaaS products

- Built the **Usetiful React Native SDK** for mobile onboarding tours and guidance; own architecture, API design, versioning and backward compatibility. npmjs.com/package/usetiful-react-native
- Own **portal, hotspots and surveys**, with substantial contributions to tours and pointers.
- Build and maintain the React tour editor and production Chrome extension, including CI/CD and releases; use Claude Code and Cursor daily.

**ACD Development Sdn. Bhd.** · Kuala Lumpur, Malaysia · Jan 2020 – Jan 2022

**Lead Full-Stack Developer**

- Led frontend, backend and mobile delivery from customer requirements through planning, code review, QA and deployment.
- Managed AWS infrastructure and production issues for Node.js, Express, React and React Native applications.

**12u12** · Malaysia · Oct 2018 – Jan 2020

**React and React Native Developer**

- Built responsive web and iOS/Android applications with React, React Native, Node.js and MongoDB; deployed on AWS.

**Earlier Experience**

- **PooyaSoft (Global Communication Challengers)**, own company · Tehran · Mar 2011 – Nov 2018 — full-stack development; served as **CTO**.
- **Software Developer** — Pishgaman fanavari etelaat kahkeshan · Tehran · Mar 2009 – Mar 2011 — Windows accounting application.

## Education and Training

- **Bachelor's degree, Information Technology** — Concordia University of Edmonton · 2009
- **Bachelor's degree, Computer Software Engineering** — Islamic Azad University · 2006
- **Anthropic — Claude Partner Network learning path**, completed Jul 2026: Building with the Claude API; Introduction to Model Context Protocol; Introduction to Agent Skills; Claude Code in Action
- **React Certificate** — HackerRank · Oct 2020

Education details · Course and certificate details