CURRICULUM VITAE

# Simon Henbury

Senior Software Engineer · Technical leader · Independent product builder

Technical Lead · Principal Engineer · CTO opportunities
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I'm Simon — a senior software engineer, hands-on technical leader, and independent product builder. I connect architecture, delivery and the people who use what we build.

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## RAC · Senior Software Engineer

February 2023–present

- I planned, architected and built a communications system that now supports the majority of digital breakdown communications.
- Developed net deficit hours calculations and collaborated on a UK map used by the entire leadership team to understand patrol busyness and guide operational changes.
- Stepped up to help plan and organise work within the AI and In-Day Optimisation team.
- Contributed Terraform, DevOps and internal tooling for Rust/PostgreSQL, plus controlled third-party API access through Azure API Management.

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## Purplebricks · Software Engineer → Technical Lead

June 2021–February 2023 · Technical Lead from September 2022

- Within the finance team, I led our product API replatform to BigCommerce, working alongside three senior engineers on implementation.
- Delivered custom integration for an unsupported payment provider, with secure payment-data handling as a central requirement.
- Trusted escalation point for production incidents, particularly DevOps-related issues.

### CoreLogic · Automation Engineer → Software Developer

`April 2019–June 2021 · Software Developer from January 2020`

- I developed a way to correct unreliable UK property-boundary polygon data and created tools allowing manual intervention.
- Contributed to PAS Hub with the team, alongside reusable UI/API test frameworks and automation.

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## Independent products

**Psytrade** — I designed and built a research and Trading 212 Practice workspace, combining rules-based experiments with AI-assisted research and explicit operational controls.
**VolleyPsy** — I play volleyball and found coaching software expensive. I independently designed and built VolleyPsy to offer useful team tools for £5 per team per month.

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## Technical toolkit

C#, .NET, TypeScript, JavaScript, React, Angular, Node.js, Rust, PostgreSQL, SQL, Azure, Terraform, Kubernetes, Docker, Azure DevOps, Playwright, API testing and AI integrations.

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## Education & earlier experience

- Master's degree, Business Computing — Birmingham City University, 2017–2018
- Bachelor of Games and Digital Media — University of Wolverhampton, 2012–2014
- Wesleyan: postgraduate gamification research, 2018.
- English teaching in South Korea, 2015–2016.