Linden Hutchinson

Software Engineer

Melbourne | hutchinson.linden@gmail.com | LinkedIn | GitHub

Professional Experience

Software Engineer
May 2025 - Present

Sidekicker | Melbourne

- Dramatically improved database performance by optimising a key SQL query, resulting in a 96% reduction in execution time.
- Conducted a thorough security audit of the existing codebase, identifying vulnerabilities and implementing immediate remediations to enhance system security.
- Architected and implemented improved security patterns and best practices to safeguard the application and user data.

Senior Software Developer
March 2023 - May 2025

Tesserent - Cyber Solutions by Thales | Melbourne

- Translated customer requirements into software design specifications, including detailed scopes of work and project estimates.
- Developed continuous integration pipelines including automatic systems builds and unit test runs, with outputs reported to standard channels.

Software Developer
January 2019 - March 2023

Hutchinson Software | Melbourne

- Modernised a legacy PHP system by investigating and resolving key issues, leading to improved stability and client satisfaction.
- Developed a bespoke Laravel application for event management, streamlining processes and improving efficiency.

Casual Research Assistant
August 2022 - December 2022

Deakin University | Melbourne

- Expanded LMS functionality with interactive UI components, significantly improving student engagement and streamlining the digital learning experience.

Technical Skills

Languages:	PHP, Python, JavaScript, TypeScript, SQL, HTML/CSS
Frameworks & Libraries:	Laravel, Django, React, Vue, HTMX, FastAPI, Angular, Ruby on Rails
Tools & Infrastructure:	JIRA, PHPUnit, Playwright, REST API, GraphQL, Git, Docker, CI/CD, AWS

Education

Bachelor of Artificial Intelligence
2019 - 2022

Deakin University | Grade: Distinction

Projects

Real-Time Multiplayer Game
2025

Architected and implemented a real-time multiplayer social deduction game featuring a decoupled frontend and a robust backend. The backend is built with Django and Django Ninja for a typed REST API, with real-time communication handled by Django Channels and Redis. The frontend uses Alpine.js for lightweight, reactive state management, and the entire application is containerised with Docker for seamless development and deployment.

Technologies: Python, Django, Django Ninja, Channels, Redis, TypeScript, Alpine.js, Tailwind CSS, Vite, Docker