

JASON LEONARD

GRADUATE SOFTWARE DEVELOPER | C#.NET, FULL-STACK WEB & DATA SYSTEMS

3 Launder St, Hawthorn VIC 3122 | 0452 423 526 | jasonleonard46@gmail.com

LinkedIn | GitHub | Portfolio

PROFESSIONAL PROFILE

Graduate software developer with hands-on experience building and deploying C#.NET desktop systems, full-stack web applications, serverless APIs and relational data platforms. Delivered a commissioned e-bike showroom and internal management platform for an operating retailer, alongside React and TypeScript applications with authentication, automated testing and CI/CD. Brings practical problem solving, careful debugging and a focus on software that remains understandable, reliable and useful to its users.

TECHNICAL SKILLS

Programming: C#, .NET 8, TypeScript, JavaScript, SQL, HTML5, CSS3; Python and Arduino C/C++ through academic projects

Frontend: React, responsive web design, Tailwind CSS, Vite, Recharts

Backend and APIs: Node.js, Cloudflare Workers and Pages Functions, REST APIs, authentication, OpenAI API integration

Data and storage: SQLite, Cloudflare D1, MariaDB, Cloudflare R2, relational modelling, migrations, FIFO processing

Quality and delivery: MSTest, Vitest, Node test runner, ESLint, type checking, Git, GitHub Actions, CI/CD, production deployment

Platforms and tools: Cloudflare Pages/Workers, DNS and HTTPS, Linux, Docker fundamentals, MQTT, Flask, Wrangler, VS Code

RELEVANT EXPERIENCE

Independent Full-Stack Developer - CV Niaga Bersama Abadi | 2026-Present

Commissioned business platform | JavaScript | Cloudflare Pages Functions | D1 | R2 | REST APIs | OpenAI API | niagabersama.com

- Built and deployed a responsive public showroom and role-protected management system around the operating requirements of an electric bicycle retailer.
- Implemented catalogue, colour-level inventory, multi-item sales invoices, service records, users, audit history and reporting using relational data and server-side permission checks.
- Maintains the live Cloudflare deployment, custom domain and HTTPS configuration while improving mobile, caching, printing and workflow behaviour from practical feedback.

Remote IT Support - Sepeda Listrik EXOTIC & PACIFIC | Aug 2023-Present

Casual remote support

- Provides practical remote assistance for day-to-day software, device and digital workflow issues in an electric bicycle retail environment.
- Explains solutions clearly to non-technical users and supports incremental improvements to business systems and online operations.

SELECTED DEVELOPMENT PROJECTS

Electric Bike Store Desktop Management System | GitHub

C# | .NET 8 | WinForms | SQLite | MSTest

- Designed and built a bilingual desktop application covering catalogue, FIFO stock lots, sales, services, reporting, user roles and audit history for a real retail workflow.
- Modelled connected business records in SQLite, implemented transactional stock allocation and added validation, authentication, printable documents and automated tests for core rules.

SELECTED DEVELOPMENT PROJECTS - CONTINUED

React Analytics Dashboard | [GitHub](#)

React | TypeScript | Tailwind CSS | Cloudflare Workers | D1 | R2 | Vitest

- Built a full-stack data-profiling application that imports CSV, TSV, JSON and XLSX files, normalises them into a common model and produces quality metrics, filtering and chart recommendations.
- Implemented username/password authentication, private dataset storage, REST endpoints, validation, linting, type checks, automated tests and deployment checks.

SlabWorth - AI-Assisted Trading Card Analysis | [GitHub](#)

React | JavaScript | Cloudflare Pages Functions | D1 | R2 | OpenAI API

- Created an image-analysis workflow that combines AI-assisted identification with third-party card data, ranks alternative matches and retains manual correction paths when results are uncertain.
- Added session-scoped history, image storage, input validation, rate limiting, automated tests and continuous build checks around external API processing.

Developer Portfolio and Content Platform | [GitHub](#)

HTML | CSS | JavaScript | Cloudflare Pages Functions | D1 | R2

- Built a responsive portfolio with database-managed projects, case studies, articles and workshop entries plus a protected administration dashboard.
- Implemented persistent admin sessions, media management, clipboard uploads, reusable galleries, sortable content and cache-control behaviour for predictable deployments.

IoT Sensor Data and Smart Gate Systems

Python | MariaDB | MQTT | Flask | Linux | Arduino C/C++

- Built academic sensor-to-database pipelines that published readings through MQTT, stored timestamped observations in MariaDB and exposed monitoring and device controls through Flask.
- Diagnosed unstable gate behaviour and revised the control logic so the system maintained its state until sensor conditions changed.

EDUCATION

Bachelor of Information and Communication Technology | Completed Dec 2024

Major: Software Technology | Swinburne University of Technology, Melbourne

CERTIFICATIONS

Foundational C# with Microsoft | Data Analysis with Python - freeCodeCamp | Responsive Web Design - freeCodeCamp | Deloitte Data Analytics Job Simulation - Forage

PROFESSIONAL STRENGTHS

Practical problem solving | Careful testing and debugging | Requirements translation | Clear documentation | Independent learning | Collaborative iteration