Shaun Richardson

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Professional Summary

Senior software developer with full-stack background, specializing in UI, TypeScript, and enterprise systems. Strong in problem-solving and delivering clean, maintainable code. Effective team player with clear communication, equally comfortable with technical detail and business needs to build fast and well-crafted products.

I have a valid, unrestricted Work Visa and References available on request

Work Experience

Staff Engineer

Xpertek Loan Finance
2021 - 2025

Key Skills: **TypeScript, Svelte, React, Node.js, MSSQL, Linux, Git, Agile, TDD, Docker**

- Designed and developed a Software Development Kit in TypeScript to allow a rapid rewrite of the flagship Enterprise loan application on a short timeline.
- Designed and developed a Component Library for rapid UI Form Development
- Created a self-scaffolding UI platform that dynamically generated type-safe frontends from OpenAPI documents, automating the development of 800 endpoints. This reduced form creation time from days to minutes, enhanced data accuracy, and ensured seamless API communication.
- Created application middleware in NodeJS & Typescript to integrate with C#/MSSQL backend.
- Weekly Updates to Executive staff and management of Project Deliverables and timeline
- Mentoring and management of 6 junior staff across teams
- Developed and Maintained CI/CD pipeline and docker artifact management.

Senior Software Engineer

Xpertek Loan Finance
2018 - 2021

- **Ticket Tracking System Overhaul**.
  I maintained and later facilitated a move from an internal bug tracking system into a cloud-based service with no downtime or data loss. This reduced maintenance costs by 90%
- **Preventing Accidental Bank Debits**.
  Designed a Typescript/Nodejs microservice to block accidental transactions in test environments, preventing a large amount of financial losses and customer dissatisfaction.
- **Database Migration Optimization**.
  Reduced the export time of a single database conversion from 12 hours to 4 minutes, accelerating the rewrite of the flagship accounting platform.

Multotec Group (Contract)
2013 - 2018
Key Skills: **JavaScript, React, SQLite, Node.js, Linux, Git, Azure**

- **Customer Relationship Management (CRM) System**. Built a secure, role-based CRM for sales teams, supporting 5,000+ users while ensuring data security.
- **Multotec Group Website.** Designed and developed the consumer facing website, implementing customer login and CRM integration.

Mediasource Studios
2007 - 2013

- **Multotec Group.**
  Developed the company's website and internal tools, leading to ongoing contract work.
- **The Perfect Wave (Film, 2013)**. Designed and developed promotional materials, which helped secure funding for production. The film was successfully produced, starring Scott Eastwood.
- **Christian Family Church Network**.
  Built multiple internal and external websites, including a curriculum platform.
- **Soccer World Cup 2010 (Alcom)**.
  Developed an inventory tracking system for telecommunications equipment.

Web Developer

Heypenni Gold Design & Marketing
2004 - 2007

- **Colgate Palmolive.** Designed their 2006 internal magazine, distributed nationwide.
- **Gijima AST.** Developed a corporate website for a major telecommunications provider.
- **First National Bank.** Created interactive websites and email campaigns.
- **KFC Charity Initiatives.** Designed promotional materials for charity events.