



My **passion** for computing and software development began from a very young age; and throughout the course of subsequent **decades**, my **eye for detail** and **can-do attitude** have resulted in a deep wealth of **knowledge** and **experience** in programming effective, and sometimes intriguing solutions to a wide range of **business opportunities**.

## Senior Software Engineer Capnova Limited Sep 2023 - Oct 2023

- » **Technical expert** on everything .net for the team, leading design & implementation conversations for the next major revamp of the flagship.
- » Performed **broad spectrum** clean-up **refactors** on the flagship product, paying technical debt built over the years while also delivering feature work.
- » Led conversations focusing on improving **UI & UX**, as well as **accessibility** story for the flagship product.
- » **Mentored** fellow teammates, in addition to performing **code reviews**.
- » Received a **glowing letter of recommendation** for my work.
- » Unfortunately, the company went in Administration (PDF), in my second month of appointment, resulting in the short engagement.

## Contracting & Freelancing Mav's Work Jan 2022 - To Date

- » Leveraged my extensive network and expertise to work on diverse projects in **freelancing** capacity, continuously expanding my knowledge and skills.
- » **Mentored** and served as a technical expert for **Moon Prints**, an eight-month project involving HTML5 Canvas powering the embedded **art designer**, enabling personalised print for consumers' needs.
- » Performed IT project work setting up everything online from scratch from **domain purchase** to setting up **CI/CD web hosting** (this cv is **deployed** via CD) to setting up **DKIM/DMARC/SPF** details for email flow.
- » Invested in my professional growth by **engaging** in various latest technical developments such as **Zig**, **Bun**, **ArrowJS**, & **Stric**

## Business Applications Delivery Manager Zenzero Solutions Ltd Jun 2021 - Dec 2021

- » Played an essential role in the company's strategic growth by leading **investment decisions** alongside the board.
- » Coordinated and managed **migration plans** of legacy software to modern technology stacks (**.Net/Power Platform**) while mentoring team members on latest best practices.
- » Facilitated expansion as **team leader** & **line manager**, ensuring high morale and cultivating individual growth amongst team members.

### Key Skills

- C# / LINQ / EF
- Performant Code
- Razor/Svelte
- WPF/XAML/MVVM
- SQL/DDL
- Data Analysis
- API services
- TypeScript
- F#
- Xamarin
- Git
- MSSQL/Postgres
- Azure
- PowerShell
- Team Leadership
- Team Mentoring
- Line Management
- Security
- Privacy
- Accessibility
- Windows Admin
- Linux Admin



## Development Manager

AWSM Technologies Ltd  
Sep 2019 - May 2021

- » Spearheaded a team of 26 developers (including 9 seniors) leading technically as well as line management, leveraging their combined capabilities to deliver a top-tier flagship payroll product.
- » Key participant in board meetings during strategic decisions around future development and investment.
- » Upskilled the team through ongoing detailed code reviews and regular training sessions. I'm particularly proud of having trained a graduate with a business focused degree, from the ground up, into a core team developer working on the flagship product.
- » Fostered self-sufficiency and ownership within the team.
- » Led various Agile meetings including Sprint planning, Daily stand-ups, Retrospectives.

## Senior Developer

AWSM Technologies Ltd  
Sep 2018 - Aug 2019

- » Lead developer for flagship payroll product.
- » Significantly boosted performance across all aspects of the flagship product.
  - » Reduced the most used and data-rich page renders from 40+ to 0.64 seconds average through service code and Entity Framework query optimisations.
  - » Improved a second heavily used page's performance from 30 to 0.07 seconds on average.
  - » The biggest improvement was in a reporting page where the time to render thousands of results was brought down from 180 to 1.2 seconds on average.
- » Performed highly skilled code refactors across entire codebase (that had no tests or documentation). The achievement I am most proud of was an invoice rounding code standardisation that was successfully completed as 200,000 lines refactor involving both C# code & SQL strings interspersed in code with no test coverage.

## Software Architect

Backbone (UK) Limited  
Jun 2010 - Aug 2018

- » Built full-stack automation projects from profile removals after user logouts to complex cloud infrastructure monitoring for billing & utilisation.
- » Developed desktop apps (client facing & internal tools) using WPF following established best patterns & practices.
- » Conducted data analysis yielding billing & utilisation reports with LINQPad and Excel Power Query (using M functions) from databases, CSV, XML, JSON & XLSX files as well as connecting O-Auth webservice.
- » Technical lead on cyber security and privacy matters offering recommendations to keep the company compliant and safe with ever-changing cyber landscape.

Further experience available upon request.