

Skills

- C#, JavaScript, TypeScript, Python, SQL, React, ASP.NET, Next.js, Angular, Django, Azure, WinUI 3, Pulumi, Terraform, Windows, Linux, Bash, PowerShell, CI /CD

Projects

ZenWealth

Typescript, React, C#, ASP.NET Core, Tailwind CSS, SQL Server, Plaid

- Architected a personal finance application enabling users to securely connect bank accounts, track expenses, manage budgets, and analyse financial trends through an intuitive, easy-to-use interface.
- Optimized data retrieval by implementing keyset pagination, ensuring efficient, scalable performance when querying stored user financial transaction data.
- Implemented N-tier architecture with clear separation of Presentation, Business Logic, and Data Access layers, using Dependency Injection to improve modularity, testability, and maintainability.

Blog App

Next.js, Typescript, React, Pocketbase

- Established a Next.js blog with Pocketbase API integration, enabling scheduled publishing, detailed categorisation, and view-count analytics.
- Designed and created fully customizable CSS variables, enabling adjustment for 10+ accessibility factors like contrast and font size, improving blog usability.

Cloudstore

Python, Django, Sass, Htmx, Bootstrap

- Added intuitive features like file filtering, favourites, and search functionality to enhance user experience.
- Ensured data security through limiting file access to authorised users and shared unique links.

Work Experience

Leathams: 2nd Line IT Service Desk Analyst

February 2024 – Present

- Engineered a WinUI 3 application facilitating rapid searches across 300+ external technical specifications, enabling the technical department to accelerate delivery of required information to third-parties by 50%.
- Migrated 100+ user licenses and numbers to a new calling provider by leveraging custom Azure PowerShell scripts, ensuring a smooth and seamless transition from the end-user's perspective.
- Automated sensitive data migration between password managers using a custom PowerShell script which secured 300+ user credentials and reduced migration time by 75%.

Mountain Warehouse: Information Security Analyst

October 2023 – January 2024

- Strengthened security posture through regular security awareness training, incident response, and vulnerability assessments of onboarded software.
- Improved cybersecurity awareness for 500+ employees by developing and distributing monthly newsletters focused on best practices and key terms.

RMHC UK: IT System Support Analyst

April 2021 – October 2023

- Produced a GUI-based printer management application that simplified network printer configuration, resulting in a 75% reduction in printer support tickets.
- Streamlined user provisioning and access management for 200+ users by utilising Azure AD.
- Developed a comprehensive IT handbook with step-by-step guides and troubleshooting tips, decreasing service desk inquiries by 25% and increasing user self-reliance by 30%.

Education

BSc Computer Forensics & Cybersecurity, Canterbury Christ Church University

**September 2017 - April 2021,
Canterbury**

- Developed a strong foundation in C#, application development & coding practices.
- Gained hands-on experience with databases, networking, and operating systems, essential for building scalable and secure applications.
- Applied ethical hacking and digital forensics principles to improve software security, ensuring robust and secure coding practices.