</> About Me

My name is Logan. I have been a software developer for the last 7 years and started my career as a tester. I believe having started as a tester I have brought along with me the skills and mindset needed to ensure my code is efficient and has been tested to the extreme. My goal as a software developer is to create clean modern looking systems that run fast and efficiently for the best user experience possible.

💼 EXPERIENCES

July 2024 | May 2022

Front-end Developer
Autoprotect   📍 Home

At Autoprotect I was tasked with the development of a user friendly and modern webapp built using ReactJS and Redux.

My tasks included the development of business logic using React and integrating with REST API's and creating a clean and user friends UI using a mix of Material-UI and custom CSS. I also played a key role in managing piplines and deployments for production releases.

Skills Used
- Front-End Development with ReactJS
- State Management with Redux
- Management of Gitlab Piplines
- UI Design with Material-UI

Mar 2022 | Nov 2021

Software Developer
MI-Voice   📍 Southampton

My role at MI-Voice was to help improve and modernise their voting platform. The platform is built in 3 sections that each involved different skills.

My tasks involved the use of multiple systems including a REST API built in C# and .NET Core and a CMS using Sanity that was used to create NextJS sites that used ReactJS components that provided a modern and response feel to the end user.

Skills Used
- Front-End Development with ReactJS
- Back-End Development with C#
- Database interaction with EntityFramework
- CMS Development using Sanity

Oct 2021 | Aug 2021

Software Developer
Dootrix   📍 Wickham

Use of ReactJS and C# on a variety of different projects to help build modern and intuitive applications.

Dootrix is a software development house that built applications for a variety of customers so in this role I worked on multiple projects which offered unique functionality.

Skills Used
- Front-End Development with ReactJS
- Back-End Development with C#
- Mobile Development with Xamarin
- Cloud Intigration with Azure

Aug 2021 | Oct 2020

Software Developer
North Sails   📍 Gosport

Use of ReactJS and C# to build a more modern and user friendly experience for internal sales and task management software. This was part of an upgrade from an old VB system to use modern technologies making the overall system not only faster and more responsive but also simpler to use.
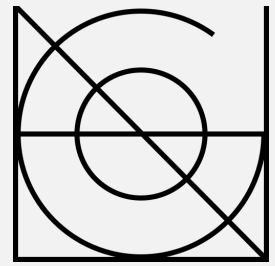
Skills Used
- Front-End Development with ReactJS
- Back-End Development with C# and VB
- Database interaction with SQL Server and Transact-SQL

Logan Young
Software Developer

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EXPERIENCES

Application Systems Specialist
toob

Jul 2020 | May 2019

📍 Cosham

This role evolved over time and covered a wide range of tasks but was mainly focused around integrating different systems to work with a central software platform.

My main achievement while working at toob was the initial setup of an ACS system and integration of the ACS API into the core network management software allowing the remote management of CPE giving the support staff the ability to setup, manage and diagnose issues for customers all in one location.

Skills Used
• Front-End Development with Javascript and HTML5
• Back-End Development with C#
• Server Management on Both Linux and Windows Server

Junior Software Developer
SupplyPoint

May 2019 | Sep 2017

📍 Porchester

At SupplyPoint I worked on 2 main projects. The first project was the development of a REST API to enable the sharing of information from a central system to other smaller pieces of software allowing for a central store of information.

The second project was the development of the UI for industrial vending machines using ReactJS. This development was to replace an outdated UI in order to give customers more power over the appearance of their machines

Skills Used
• REST API Development in C# and .NET Core
• Transact SQL and Stored Procedures
• Desktop Development with Electron
• Front-End Development with ReactJS

Software Tester
AST Systems

Sep 2017 | Jun 2016

📍 Eastleigh

This role was part of my apprenticeship and involved a variety of tasks to aid my learning. My primary role in the company was to test the software being developed and to create automated tests to help ensure the software is tested consistently.

Alongside my role as the tester I also helped to maintain the windows servers used for testing and development and the databases for each system to ensure that all the servers were running the same versions and had the same data.

Skills Used
• Automating tests with Selenium and Python
• Creating Unit tests in C# with .NET
• Maintaining Databases with SQL Server and Transact-SQL

EDUCATION

Agile Training
Training Course

2017

📍 Ripple Rock

A 2 week intensive course in the implimentation of Agile and Scrum

Level 3 Extended Diploma in IT and Telecomms
Apprenticeship

2017 | 2016

📍 3aaa Apprenticeships

This course included multiple important units:

• Networking
• Software Development
• IT Support
• Formal Documentation

Level 3 Diploma in Gaming and Computing
College

2016 | 2015

📍 Fareham College

Computing Course Focusing on Gaming With Units in Software and Web Development

GCSE's
Secondary School
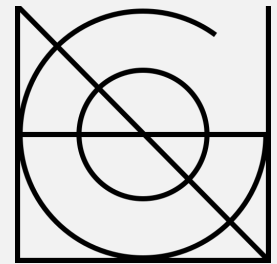
2015 | 2010

📍 Bayhouse School

Average grade of a B across the board with A's in English and Maths

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📂 SKILLS AND PROJECTS

Front-End Development
ReactJS, Typescript, Redux

- Vast Knowledge of Javascript and JS Frameworks focusing on ReactJS
- Design of Modern and User Friendly UI's using frameworks and custom CSS
- Stong knowledge on the use of Typescript in conjuction with ReactJS
- Use of Redux for State Management

Network Engineering
Linux, Networking, Docker

I have maintained a homelab for many years, gaining extensive knowledge in networking and managing a variety of services. My experience ranges from basic Docker containers to full VMs and Kubernetes clusters. I have utilized my homelab for diverse applications, including website hosting, API hosting, and running game servers for Minecraft and other titles.

Development Environments
Other Development Related Skills

- Strong Knowledge of Git and Git Based Version Control Systems
- Well Versed in the use of Visual Studio and VSCode
- Able to Work in Both Windows and Linux without Issue
- Good with Networking and Server Maintenance

Custom 3D Printer
CAD

I am currently designing a custom 3D printer from scratch. My goal is to use as many off-the-shelf and 3D-printed parts as possible to build a sturdy and reliable CoreXY printer. This design will be compatible with the Voron Stealthburner print head.
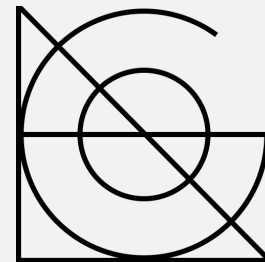
Custom MOC's
LEGO

I have always loved building and collecting LEGO, and I recently started designing and building my own MOCs (My Own Creations). I have created several MOCs, including BT from the game Titanfall and Chappie from the movie of the same name. My next challenge is to build the three robots from the Netflix series "Love, Death & Robots."

DBML Docs
Open Source Project

DMBL Docs is an open-source project I have been developing in my spare time. This project focuses on the DBML language and aims to help users create user-friendly web pages from DBML files. It allows users to view the database structure in an intuitive format and export it to various formats.

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