Logan Young
Software Developer

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</> 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

2024 | 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

2022 | 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

2021 | 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

2021 | 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

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💼 EXPERIENCES

2020 | 2019

Application Systems Specialist
toob   📍 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

2019 | 2017

Junior Software Developer
SupplyPoint   📍 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

2017 | 2016

Software Tester
AST Systems   📍 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

2010 | 2015

GCSE's
Secondary School   📍 Bayhouse School

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

2015 | 2016

Level 3 Diploma in Gaming and Computing
College   📍 Fareham College

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

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🎓 EDUCATION

2016
|
2017

Level 3 Extended Diploma in IT and Telecomms
Apprenticeship   📍 3aaa Apprenticeships

This course included multiple important units:

- Networking   • IT Support
- Software Development   • Formal Documentation

2017

Agile Training
Training Course   📍 Ripple Rock

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

📂 SKILLS AND PROJECTS

Front-End Development
ReactJS, Typescript, Redux

- Vast Knowledge of Javascript and JS Frameworks such as React and Jquery
- Able to Build Fast and Efficient Cross Platform Applications using Electron
- UI and UX Design for Both Desktop and Mobile Browsers
- Stong knowledge on the use of Typescript in conjuction with ReactJS

Back-End Development
C#, .NET Core, Python and NodeJS

- Strong Knowledge of Database Interaction using Dapper, EntityFramework and ADO.NET
- Experence Developing RESTful API's
- Focus in Webfacing Applications but Strong Knowledge of Client Side Development Too
- Cross Platform Development Including Docker, Linux and Windows

Mobile Development
React-Native, Xamarin

- Stong use of React-Native and Expo to build Mobile Apps
- Able to use a vast amaount of industry standard frameworks to build cross-platform apps
- Working knowledge of Xamarin to build applications in C#

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

Hypercube
Custom 3D printer

My lockdown project was to create a 3D printer I can use to help with future projects. This used a wide range of skills to get done, some of which I learnt along the way. The whole project took around 4 months but I am now very happy with the outcome and I have now started to use the printer for lots of new projects.

DBML Docs
Open Source Project

I have recently released a beta version of an open source database documentation software. The software uses the DBML standard to generate a database documentation site based on a .DBML file. My goals with the project was to create a tool I can use myself for other projects I have planned but I was so happy with the end result that I decided to make the project public. The software is completely written in ReactJS and my plan is to make it more community driven in the future.