# JAMES WATSON
## Software Engineer

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## EXPERIENCE AND EDUCATION

### We Predict Ltd | Software Engineer

July 2018 - Present

- Part of the development team providing predictive analytics and software solutions for leaders in the automotive industry.
- Closely working with Honda North America to update, maintain, and automate various internal systems, including bulk importing and sorting millions of rows of data on a daily basis.
- Responsible for building and maintaining the company's data visualisation and reporting libraries.

**Related Skills:** ASP.NET Core/MVC, C#, SQL Server, Entity Framework, TypeScript, JavaScript, CSS, GIT, Trello, Scrum

### Performance Cycling | Full-Stack Web Developer

September 2016 - September 2017

- Part of the development team responsible for building and supporting the Tredz, Wheelies, and Cycle-Solutions websites.
- Implemented various bug fixes, optimisations, and features as part of a continuous delivery, agile workflow.
- Implemented various SEO and analytics tools including Facebook Pixel and Google Optimize.
- Major projects included rebuilding and optimizing catalogue page searching and filtering, extending each website's CMS, and redesigning the Tredz product options page.

**Related Skills:** ASP.NET Core/MVC, C#, JavaScript, jQuery, CSS, SQL Server, Entity Framework, Jira, Kanban

### Swansea University | MEng In Computing

September 2013 - July 2018

- Integrated master's degree, achieving a first-class honours with an 80% average over 5 years.
- Relevant modules included Web and Mobile Application Development, Database Systems, and Advanced OOP.
- Winner of best student project 2016 as voted by school students.

**Related Skills:** ASP.NET Core/MVC, C#, SQL Server, Angular, TypeScript, JavaScript, jQuery, Ionic

## PROJECTS

### Building A Full-Scale Music Streaming Site | Web Application

- An upcoming music streaming platform built with Angular, ASP.NET Core, Redux, and the YouTube API.
- Introduces a unique concept known as *tags* which gives users increased control over playlist and shuffling algorithms.

**Related Skills:** ASP.NET Core, C#, Angular, Redux, TypeScript, Auth0, Azure

### Achilles Rupture Recovery Application | Mobile Application

- A mobile application which aids patients through the recovery process of an Achilles tendon rupture.
- Built as a team of four developers, with myself as lead front-end developer, in association with the NHS.

**Related Skills:** ASP.NET Core, C#, Angular, TypeScript, Ionic, Cordova, Android, iOS, Azure

## TECHNICAL SKILLS

**General Languages:** C#, TypeScript, JavaScript, HTML, CSS
**Front-End Development:** Angular, Redux, Ionic, NPM, SASS / LESS, Bootstrap, jQuery, Auth0
**Back-End Development:** ASP.NET Core/MVC, SQL Server, Entity Framework, Azure, Firebase
**Project Tools:** Git, BitBucket, GitHub, Jira, Team City, Octopus Deploy, Kanban