

Benjamin Dickman

Senior Software Engineer

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Personal Statement

I am a **Senior Software Engineer with over a decade of experience** designing and building reliable, scalable applications.

I have full-stack experience and specialise in back-end development, API design and cloud-based infrastructure.

I possess a proven track record in developing, enhancing, and maintaining core public-facing products. I am experienced across all stages of the software development lifecycle, including analysis, design, implementation, and release management.

Skills Summary

Server-side Technologies - C#, .NET Framework, .NET 6+, ASP.NET MVC & Webforms, Web API, REST, Umbraco CMS, Entity Framework Core, Dapper

Client-side Technologies - HTML5, CSS3, AngularJs, React, JavaScript, jQuery, Bootstrap

Source Control - GIT, TFS

Testing - Unit & Integration Testing with XUnit & Moq, Automated Testing with Specflow & Selenium

Tooling & Workflow - Agile Methodology (Scrum & Kanban), Behaviour-driven Development (BDD), Continuous Integration & Continuous Delivery (CI/CD) with Azure DevOps & Octopus Deploy, GitHub Workflows

Cloud Technologies - Azure App Services, Cognitive Search, Service Bus, Blob Storage, Key Vault, SQL Database and more.

Self Learning

Client-side Technologies - React

Testing - Test-driven Development (TDD)

Design & Architecture - System Design, Software Architecture

Employment History

Senior Software Engineer - Connells Group

August 2024 - Present

Senior Web Developer - Connells Group

May 2018 - August 2024

Web Developer - Connells Group

Aug 2016 - May 2018

- Engineered a highly customized Umbraco CMS solution to support multiple brand sites, optimised for a load-balanced Azure environment with dedicated Content Delivery and Content Management instances for **improved scalability and performance**.
 - Took ownership of the 'MyAccount' project, guiding architectural decisions, mentoring team members, and collaborating closely with Product Owners and Lead Developers through regular progress reviews to **drive a successful delivery**.
 - Introduced automation and custom applications to **improve operational efficiency**, including syncing over 1,200 high street branches with Google Places and integrating the Connells Group property feed into Web APIs—**significantly reducing manual workload** for the Senior Marketing team.
 - Configured CI/CD pipelines using Azure DevOps and Octopus Deploy, streamlining deployment processes and **freeing up developer time** to focus on core development tasks.
 - Championed the integration of automated testing within the development process to **enhance code quality**, accelerate feedback, and **deliver more reliable software**. By implementing test automation, I've helped reduce bugs, improve maintainability, and speed up release cycles.
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Software Developer - Dynamic Business Intelligence

Jun 2013 - Aug 2016

- Designed and implemented a hierarchical drill-down feature enabling users to explore data across multiple metrics for **enhanced analytical insights**.
- Developed a Calculation Manager utilising jQuery UI, delivering an intuitive interface to efficiently manage and configure complex rule sets.

Education & Qualifications

BSc (Hons) Computer Science 1st Class - University of Bedfordshire

Oct 2010 - Jul 2013

Certified Umbraco Master (Umbraco 8)