

Benjamin Dickman BSc (Hons) First Class

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 software.

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

I possess a proven track record in developing, enhancing, and maintaining core business 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 Core, .NET 6/8/10, ASP.NET MVC & Webforms, Web API, RESTful, Umbraco CMS, Entity Framework Core, SQL Server, Dapper

Client-side Technologies - HTML, CSS, React, TypeScript, JavaScript, jQuery, Bootstrap

Source Control - GIT, TFS

Testing - Unit Testing, Integration Testing, Performance Profiling, Logging & Monitoring

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

Cloud Technologies - Azure App Services, Function Apps, 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

Professional Experience

Connells Group (10 years)

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

- **Architected and delivered a highly customised Umbraco CMS platform** supporting **20+ branded websites** within a load-balanced Azure environment. Configured dedicated Content Delivery and Content Management instances, improving site scalability and increasing average page response times by **60%**.
 - **Led the end-to-end delivery of the 'Customer Portal' platform**, owning architectural direction and technical decision-making. Mentored **2 Junior Engineers**, introduced structured design reviews, and partnered closely with Product Owners and Engineers — delivering the project **3 weeks ahead of schedule** and increasing feature adoption by **40% within the first quarter**.
 - Introduced custom process automation to **improve operational efficiency**, including syncing over 1,500 high street branches with Google Places **reducing manual workload by 95%**.
 - Configured CI/CD pipelines with automated deployment, reducing release time by **80%**
 - **Drove adoption of automated testing across the development lifecycle**, implementing unit and integration test frameworks that increased code coverage from **20% to 80+%**. Reduced production defects by **70%**, and shortened regression testing time by **90%**, improving overall software reliability and team velocity.
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Dynamic Business Intelligence (3 years 2 months)

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)