

HARRY GORDON

Full-Stack .NET Developer

Harry Gordon

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Summary

I'm a full-stack .NET developer with 13+ years of experience working on web and native applications. As a full-stack developer, I'm comfortable working with Azure-native applications, micro-services, databases, content management systems, websites, native apps and integrating across them all. This makes me an ideal choice for small teams and solo projects.

As a contractor I aim to bring professionalism and enthusiasm in spades. I'm here to help and will do everything I can to make the project a success.

Skills

.NET Core, Umbraco CMS, React, Azure, Cosmos DB, Xamarin

Recent Projects

Dragonfly / React, Umbraco 10-11, Azure, Functions/ **Contract**

OCTOBER 2022 - JUNE 2023, EDINBURGH

Joined a small team of developers at Dragonfly (a movie analytics start-up) to lead development of their Umbraco based product. At Dragonfly we integrated third-party services (Amazon Rewards API, a identity verification provider, content security, etc) and extended the back-office to allow editors to manage enrollment of members and track projects through a custom stats dashboard. We also served data to a third-party analytics/reporting agency through a secure API.

Dog Digital / React, Umbraco 9, uCommerce, Azure / **Contract**

JUNE 2022 - SEPTEMBER 2022, EDINBURGH

Worked on a number of projects with the Dog team, ranging from small React web apps backed by Sitecore to larger eCommerce projects using Umbraco 9 and uCommerce.

QMU / .NET 5, Umbraco 9, React, Azure / **Freelance**

FEBRUARY 2022 - MAY 2022, EDINBURGH

Developed a replacement for a .NET 4 research tool with a new Umbraco 9 back-office (with some great custom property editors and workflow) and a new React front-end. The rebuild was very successful: we delivered a much better user experience for editors and participants at a fraction of the original development costs.

QMU / .NET 4 MVC, JavaScript, Azure, Entity Framework / **Freelance**

OCTOBER 2021 - JANUARY 2022, EDINBURGH

Took over development of a successful research tool that Queen Margaret University's (QMU) Institute for Global Health Development

had developed over a number of years with a third-party. My role has been to stabilise the project, tackling some long standing issues and ultimately migrate the application to .NET Core and, eventually, a modern JavaScript framework and web app architecture.

Coriolis / .NET Core, Azure Functions, Entity Framework / **Contract**

FEBRUARY 2021 - OCTOBER 2021, EDINBURGH

Led development of a number of new platforms with a view to enable financing of SMEs by international banks. The core of the platform is a .NET Core application that serves both a React web-app and banking customers via API (all protected by OAuth 2 flows, backed by Azure Active Directory and AD B2C). The platforms make extensive use of Azure Functions and Cosmos DB to collate data from 20+ sources and reliably serve accurate data to the business logic.

QMU / Angular, .NET Core, Cosmos DB and Umbraco / **Freelance**

MARCH 2020 - OCTOBER 2020, EDINBURGH

Developed a progressive web app for Queen Margaret University's Research Unit on Health in Fragility (RUHF) to facilitate photovoice-style studies in a way that allows researchers to easily set-up anonymous studies across the world, disseminate them and collect a variety of question, photo and audio data from participants over time. The app is currently being used to facilitate studies in Lebanon, Sierra Leone, Liberia and the UK.

QMU / Angular, .NET Core and Umbraco / **Freelance**

DECEMBER 2019 - MARCH 2020, EDINBURGH

Developed a web app to assist QMU's research team in Lebanon gather data about healthcare provision through the use of vignettes. The app is built to be used either online or offline, uploading vignette and survey responses to the management portal. The management portal allows researchers to download responses and create and edit vignettes and surveys.

WKW / Xamarin, .NET Core and Cosmos / **Intelligent Mobile**

NOVEMBER 2018 - DECEMBER 2019, EDINBURGH

Developed a new social sporting app for a London-based start-up. The app combines sporting data from multiple providers, offers real-time chat between users and customisable notifications for matches. The app is backed by the Umbraco CMS which offers various dashboards and tools for maintaining the application.

Longleat / Xamarin, .NET Core and Umbraco / **Intelligent Mobile**

APRIL 2019 - JUNE 2019, EDINBURGH

Developed an award-nominated app for Longleat safari park. The app has full offline support, downloading content, images and audio (all provided by the Umbraco CMS) to the device to provide an interactive experience that doesn't rely on an internet connection. The app also makes use of location services to show animal information and audio guide chapters as guests move around the park.

Positions

Freelance / C# / Full-Stack Developer
DECEMBER 2019 - PRESENT, EDINBURGH

Intelligent Mobile / C# / Senior Full-Stack Developer
NOVEMBER 2018 - DECEMBER 2019, EDINBURGH

Storm Ideas / C# / Senior Full-Stack Developer
APRIL 2017 - NOVEMBER 2018, EDINBURGH

Freelance / C# / Full-Stack Developer
JANUARY 2017 - APRIL 2017, EDINBURGH

4J Studios / C++ / Games Developer
APRIL 2014 - JANUARY 2017, EAST-LOTHIAN

Intelligent Mobile / C# / Full-Stack Developer
OCTOBER 2011 - JANUARY 2014, EDINBURGH

Education

The University of Edinburgh / BEng Software Engineering (1st Class)
2006 - 2010, EDINBURGH

Courses: Software Engineering Objects and Components, Human-Computer Interaction, Embedded Systems, Computer Graphics, Introduction to Vision and Robotics, Advanced Vision, Computer Networking, Genetic Algorithms and Genetic Programming and Applied Machine Learning.

About Me

I pride myself on being a good communicator who enjoys working with people from different sectors, skill-sets and backgrounds. I enjoy translating a vision into a real usable application, which is partly why I enjoy web development so much. In web development the journey from vision to finished app can be a short one.

I believe my main qualities that I bring to a team are enthusiasm, in general but especially for quality software engineering, and a pragmatism that acts as a good counterbalance.

I also enjoy participating in the wider .NET community. I am an active open-source contributor and a co-host of the Edinburgh Umbraco Users Group (EDINBUG).

References

Available on request.