

Cory Green

Lives in Derbyshire, NG20

Mobile: 07757 933234

Email: Cory.James.Green96@gmail.com

Profile:

Senior Software Developer with broad commercial experience in C#, .NET, full-stack development, system modernisation and technical delivery. Experienced in building customer-facing platforms, REST APIs and third-party integrations, taking projects from requirements through to production. Strong background in Azure, CI/CD, technical decision-making and improving development practices, with experience delivering business-critical systems supporting 90,000+ insurance policies.

Work History

Europa Group Ltd

February 2022 to present

Senior Software Developer (Home based)

- Led the migration and modernisation of the company's customer-facing insurance platforms from ColdFusion to .NET, replacing the legacy ColdFusion estate and progressing applications from .NET 6 through .NET 9 and .NET 10 to improve maintainability and support long-term development
- Developed and maintained customer-facing quote and self-service platforms supporting approximately 90,000+ policies, enabling customers to complete quotes, renewals, policy changes, payments and other common tasks online while reducing reliance on call-centre processing.
- Led projects from initial requirements through technical design, development, deployment and ongoing support, including the customer self-service platform, a REST API enabling third-party quote integrations, and internal tools for bulk customer communications and account migration.
- Designed and delivered full-stack functionality using C#, .NET, ASP.NET Core, EF Core, JavaScript, HTML and SCSS across customer-facing and internal applications
- Designed and developed REST APIs and external integrations with insurance and payment platforms, including CDL and Worldpay, enabling automated quote journeys and development of hosted payment functionality supporting payment methods such as Apple Pay and Google Pay.
- Introduced Azure DevOps CI/CD pipelines to replace manual FTP-based deployments, adding automated builds and testing to create a more reliable, repeatable and controlled release process.
- Built and maintained shared internal NuGet packages covering authentication, logging, API clients, common models and database functionality, reducing duplicated implementation and providing consistent functionality across multiple applications and services.
- Introduced Sentry application monitoring across development, test and production environments, improving visibility of production issues and enabling the team to identify and diagnose failures such as external API errors and timeouts more quickly.
- Helped transition the development team to .NET by reviewing pull requests, pair programming and providing hands-on guidance to developers with no previous .NET experience, supporting knowledge sharing and consistent development practices across the team.

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- Provided technical direction on application architecture, frameworks and development approaches, including introducing EF Core as the team's standard approach to data access across modern .NET applications.
- Introduced structured Git-based development practices where source control had previously seen limited use, establishing feature-branch workflows and pull-request reviews for controlled integration into development and production branches.
- Worked closely with management and stakeholders to translate business requirements into technical solutions, estimate development effort and identify opportunities to replace manual processes with customer self-service and internal automation.

Edge Ltd

August 2021 to February 2022

Full Stack Developer (Home based)

- Writing CRUD API calls for a pre-existing API written in NodeJS/TypeScript.
- Writing a new Rest API in NodeJS/TypeScript for use on the new platform
- Adding/implementing new features within the Graph middleware service, written in Python.
- Bug fixes on a stats controller written in Go.
- Written a migration tool to be used to migrate MongoDB data/tables to PostgreSQL (written in C# using EFCore).
- Adding new pages and carrying out bug fixes on the Frontend system written in React.
- Refactored current systems to use better, more optimal code and follow better standards which is more agreed within the whole team.
- Provided feedback on Pull requests for code to be merged in to the main platform.
- Helped improve infrastructure which is based on AWS by promoting services like SNS.
- Mentored other developers through paired programming to help improve their knowledge base and improve their code.

Browns Distribution

May 2021 to August 2021

Full Stack Developer

- Writing a new desktop application in Election using ReactJS
- Reporting any outstanding issues with the RestAPI
- Writing an API handler to process requests to interact with the Electron Application

Haultech Ltd

February 2021 to May 2021

Software Developer

- Writing a new platform using ReactJS, CSS3, JavaScript and Typescript.
- Creating CI/CD Pipelines for automated deployment.
- Resolving any issues within the new platform from feedback sessions.
- Using Microsoft Graph API to pull user login data via MSAL.
- Implementing their new REST API to the new platform with custom authentication.

Writing Internal tool in C# to help with new platform development.

bksb Ltd

August 2016 to February 2021

Software Developer (DevOps)

August 2018 to February 2021

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- Using the following languages in various platforms: VB.Net, C#, Elixir, HTML, CSS3, JavaScript, Java, Swift, SQL, TypeScript
- Answer and respond to 3rd line support calls and emails.
- Write new features for the current platform that have been requested and approved.
- Fix any identified bugs/security issues that have been detected by end- users or the security team or myself.
- Research into new possible technologies to make code deployment easier and more automated using AWS or Azure.
- Update the current platform to use AWS Blue-Green deployment to test code and test before deploying to production.
- Working on a new platform using a new functional programming language.
- Respond to unexpected downtime to identify the issue and rectify it to get the system back up and running.
- Writing components using React and Phoenix for use within new/current software.
- Writing new design library for new platforms in ReactJS.

Technical Support Engineer

August 2017 to August 2018

- Using the following languages in various platforms: VB.Net, C#, Elixir, HTML, CSS3, JavaScript, Java, Swift, SQL, TypeScript
- Worked on maintaining pre-existing code written in VB.Net.
- Answer and respond to 3rd line support calls and emails.

Technical Support Intern

August 2016 to August 2017

Infiniti-e Ltd

April 2015 to April 2016

IT Support Engineer

Education:

BTEC Level 3 Extended Diploma in IT (Software Development) – MMP
Chesterfield College

April 2016

5 GCSE's including Maths & English
Garibaldo College

June 2012

References available on request