

Graham Scanlon

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Summary

Self-taught and highly motivated web developer with over 6 years of experience in developing, maintaining, testing, documenting, and troubleshooting web and mobile applications. Strong knowledge in web development principles, including responsive design, separation of concerns, testing, and security hardening. Demonstrated ability to manage projects from start to finish, including client communications and supporting customers. Committed to creating high-quality, readable code and delivering on-time results. Passionate about web application development and quick to learn new technologies.

Experience

Motivation Technologies

Software Developer

2017 - Present

Webster Groves

🔗 <https://motechhq.com>

- Worked with a team of designers and managers to maintain and add new site features to a global website.
- Worked with external teams to both provide and implement REST APIs and OAuth 2.0 integrations.
- Designed, architected, and implemented a management and reporting portal for a global sales application.
- Worked with a team to architect and implement a content integration hub for Learning Management Systems.
- Added a product recognition camera feature into a mobile sales application by training and implementing machine learning and text recognition models.
- Reworked the frontend to make use of JS and SASS modules to improve site performance and reduce content build times by up to 400%.
- Maintained and mitigated security issues in global Android and iOS mobile applications.
- Improved continuous integration infrastructure by configuring tests to run automatically with pull requests.
- Optimized developer tooling to eliminate network latency while debugging, increasing developer productivity.
- Conducted code reviews and helped on-board new developers by collaborating on calls and improving documentation.

C#, ASP.NET Core, Microsoft SQL Server, Kotlin, Swift, 5, OAuth 2.0, REST APIs, SignalR, React, NUnit, JMeter, TeamCity, Azure

Projects

Reverse Dictionary

An Android Dictionary, Thesaurus, and Reverse Dictionary.

2017 - 2021

🔗 <https://github.com/gscanlon21/reverse-dictionary>

Reverse Dictionary is an Android application that provides a front-end to the Datamuse word-finding API. The application is built with Kotlin Coroutines and the MVVM Architecture.

Android, Kotlin, Kotlin Coroutines, APIs

A Workout a Day

A personalizable workout routine newsletter.

2022 - Present

🔗 <https://github.com/gscanlon21/a-workout-a-day>

A Workout a Day is an automated workout routine newsletter, delivered using Azure Communication Services. The workouts are uniquely generated, tailored to each user's individual fitness level and preferences.

C#, ASP.NET Core, .NET MAUI, Entity Framework Core, PostgreSQL, Azure