

Darren Keane

Listowel
Co. Kerry
Ireland

Email: hello@darrenkeane.me
GitHub: github.com/dmk2014
Web: darrenkeane.me

Summary

I am a software developer with a wide area of knowledge. I am experienced with multiple languages and databases as well as a large number of tools. I am interested in working in a modern environment where I can continue to design and develop innovative solutions to solve complex problems.

Employment

2015-Present **Diomac Business Systems, Tralee, Co. Kerry**
Software Engineer

Diomac's primary product is an ERP system for small to medium sized enterprises. A number of other products such as mobile applications, barcode scanners and label design applications have been built around this ERP system.

- I led the design, development and deployment of a cross-platform mobile application for iOS and Android (Diomac Go).
- Designed and developed a RESTful web service. This service is used by the mobile application. Interesting areas included user sessions (using tokens) and data caching.
- Championed migration from JavaScript to TypeScript.
- Built a reporting application atop Angular 2.
- Worked with the development team to improve our workflow, which included migrating all our code repositories to Git.
- Various development tasks in conjunction with the rest of the team to support ongoing developing - including an architectural overhaul of our main application.

Technologies: VB.NET, SQL Server, JavaScript, TypeScript, Ionic, Cordova, AngularJS (both 1&2), Git, Subversion, Visual Studio, Batch Scripting, HTML, CSS, JWT.

2014 **Continuum Commerce Solutions, Tralee, Co. Kerry**
College Work Placement – Software Development

Continuum develops currency conversion services such as dynamic currency conversion and multi-currency pricing. Some of Continuum's clients include Air New Zealand and Etihad Airways.

- Designed and developed a shopping cart application capable of accepting credit card payments utilising the Braintree payments gateway.
- Worked with a team of industry placement engineers to develop an internal data analysis application. The application allowed the company to investigate business opportunities with potential clients.

Technologies: C#, SQL Server, RavenDB, Braintree, [ASP.NET](https://asp.net), HTML, JavaScript.

2012-2015 Konnect IT Solutions, Listowel, Co. Kerry
Technician

Konnect is a small company that provides IT services for small to medium sized businesses and private clients. Services include sales, repairs, networking and data recovery.

- Provided IT solutions for small business clients. Included hardware acquisition, assembling PC's, installing required software and building networks.
- Worked independently to repair devices including laptops, personal computers, printers, servers and smart phones. Gained experience and familiarity with a large variety of tools and techniques as well as operating systems including Windows, macOS, Linux, iOS and Android.
- Trusted to independently open and close the business, greet and interact with customers along with performing various administrative tasks.
- Provided external support via telephone, email and remote access tools such as TeamViewer.
- Experienced with a large variety of infection removal and data recovery tools.

Education

2011-2015 Institute of Technology, Tralee, Co. Kerry
B.Sc. (Hons) Computing with Software Development
Achieved First Class Honours

- Final year project focused on Facial Recognition, particularly in the area of payments verification. A proof of concept application was developed upon a photometric facial recognition algorithm. Concepts such as facial detection and depth processing were applied. Technologies included C#, GNU Octave, CouchDB, Redis and a Kinect sensor.
- Developed a Computer Repair System for 2nd Year Project. The system was capable of creating customers, creating repair jobs and displaying financial reports. Repair jobs could be tracked from creation, to processing, cancelled, completed and paid. The system was built with VB.NET and used an Oracle database.
- Worked in a team to develop a database powered application where students could ask questions about their course and assignments. We broke the project into a number of tasks which were divided amongst us. Source control tools were applied to improve collaboration.
- Other notable projects include a client/server file storage application built in a Java and a fully automated continuous integration system built using GitHub, Team City and GlassFish.

2006-2011 St. Michaels College, Listowel, Co. Kerry
Junior and Leaving Certificate
Achieved 490 Points

Skills Profile

- Knowledge of languages including C#, TypeScript, JavaScript, VB.NET, HTML, CSS and Java.
- Experienced with both SQL (SQL Server, Oracle) and NoSQL (MongoDB, CouchDB, Redis, RavenDB) databases.
- Knowledge of the AWS platform, including EC2 and S3.
- Excellent knowledge of general computer hardware and software.
- Excellent problem solving and communication skills.
- Able to work independently under my own initiative and as a member of a team.
- Good working knowledge of Microsoft Office.
- Full driving license.

References

Available upon request.