



# SEÁN MC TERNAN FULL STACK DEVELOPER



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- BSC MULTIMEDIA TECHNOLOGY • PASSION FOR LEARNING NEW TECHNOLOGIES • SOLUTIONS DRIVEN • DEDICATED •
- HIGHLY MOTIVATED • DRIVEN BY CAREER DEVELOPMENT • SELF-STARTER

## SUMMARY

What started out as a necessity to learn to code, quickly grew into a passion of mine that I have dedicated years learning to craft. Coding is now the furthest thing from 'just a job' for me. It's an outlet to engage in challenging tasks, while feeling rewarded by the elegant solutions that are created along the way. Software development is 'The Never Ending Story', as the industry grows and adapts, I too must adapt with it. I look forward to joining a group of like-minded, passionate individuals to continue this journey and grow together as a team.

## EDUCATION

Bachelor of Science in Multimedia Technology, University of Limerick 2010

Coursework included: Digital Input and Software Systems, Database Design Systems, Professional Issues in Software Engineering, Imperative Programming, and Advanced Topics in Sensor Feedback, Representation and Modeling THESIS: Production of Three Dimensional Visual Feedback Sensor System.

## PROFESSIONAL EXPERIENCE

### OCTOBER 2020 - Present: **Full Stack Developer - boonmaps.com - Contract**

Until October 2020 Boonmaps was strictly a mobile application for users to explore 3D maps offline for outdoor regions. CEO and founder Frazer Hogg contracted me to create a backend for administrators of the app to upload map data onto the DynamoDB on AWS. Once completed, the next phase will involve building a front end with React for the administrators to login and edit the map information.

### FEBRUARY 2018 - Present: **Lead Technical Support Engineer - SimpleTexting.com**

Daily tasks include querying our Mongo DB Database and logs for unknown issues. Scripting reports and fixes within the database using Node.js and MongoDB. As an after hours project, wrote an entire application via NodeJS to assist support team during emergency overloads. Used Jmeter and open APIs to streamline registration process for newly purchased phone lines. Created landing pages for root domains for our in-house URL shortener. Taught classes to our team on our API endpoints and web-hooks, showing best practice methods for troubleshooting and testing our endpoints.

### JULY 2016 - February 2018: **Full Stack Developer - Beyond The Summit Print & Digital Design**

Developed an online print store for Oil & Gas clients in Calgary, including ExxonMobil. Users could login and select items to purchase. Print orders were fulfilled via an automated email system whereby an order was submitted to a trade printer.

### OCT 2012 - July 2016: **Database Administrator - PrintLogix Corporation**

Managed and updated user database within the PrintLogix system. Tasked with migrating new designs from graphic designers to the S3 server on AWS. The role also required QA testing on any feature updates within the PrintLogix platform.

## TECHNOLOGIES

### Back-End

• Node.js • Express.js • MongoDB • DynamoDB • Serverless • Firebase • OAuth • Redis • JSON • SEED •

### Front-End

• JavaScript • CSS • SASS • jQuery • Bootstrap • React Bootstrap • React • Redux • Gatsby.js • ES6  
• WebSockets • HTML5 •

### CMS

• WordPress • Site Builder • Squarespace •

### Tools

• TypeScript • Git • AWS • Google API's • NPM • Yarn • Jira • Kibana • Rest API's • Postman • Jest • Prettier  
• ESLint • Webpack • Visual Studio Code • IntelliJ IDEA •

## ACHIEVEMENTS

**COMPLETED** - SERVERLESS STACK using Serverless and React on AWS - [www.serverless-stack.com](http://www.serverless-stack.com)

**CERTIFICATE** - The Complete Node.js Developer Course - Andrew Mead

**CERTIFICATE** - The Complete React Developer Course (w/ Hooks and Redux) - Andrew Mead

**CERTIFICATE** - Understanding TypeScript - 2020 Edition - Maximilian Schwarzmüller

**CERTIFICATE** - The Modern JavaScript Bootcamp - Andrew Mead

**COMPLETED** - Learn Enough Git to Be Dangerous - Michael Hartl

**COMPLETED** - The Great Gatsby Bootcamp - Andrew Mead

**COMPLETED** - Introduction to Python, Codecademy

## ABOUT ME

### WHAT I'M PROUD OF

#### My Fearlessness

To always leave my comfort zone and try new things.  
I will always do whatever is required to see my goals through. I am not afraid of failing along the way!


#### My Focus & Persistence


Despite often facing time in my code where the solution feels far away, I stay on task until the job is done. I never lose sight of the end goal.


#### My Adaptability

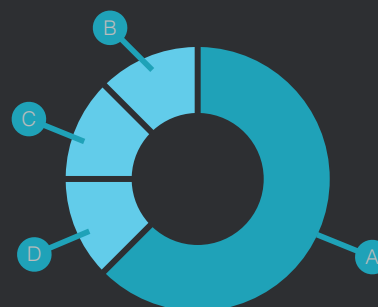
5 years ago I faced a situation with a client whereby I needed to either lose their business or learn to code. Needless to say, adapting to the new situation opened up a whole new world of possibilities with coding.

### PASSIONS

 Being Outdoors

 Learning New Skills

 Science & Technology



**A** Developing cool stuff

**B** Sharing what I learn to my team

**C** Riding my mountain bike

**D** Kayaking whitewater

**References:** Available upon request.