

Shane Mckenna

Graduating Software Developer

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Personal Profile

- Final year Bachelor of Science Computer Games Development student in the University of Limerick - completing degree in June 2018
- Passion for web development, constantly learning new and exciting technologies.
- Looking forward to contributing to open source projects.

Work experience

Junior Software Developer

Jan 2017 - Aug 2017

JRI-America

JRI-America is a subsidiary of the Japanese IT financial services company, Japan Research Institute Ltd. I worked in their Tralee office for 8 months as part of my college degree. While there I saw first hand what it takes to make complex web applications. The majority of my time there was spent working on an internal application with a team of 8-10 developers.

Stack included:

- React, Java, Spring, Oracle DB and WebSphere.

Agile software development:

- Requirements meetings with our client
- Task breakdown sessions
- Two-week iterations
- Daily stand up meetings with local and remote New York team

Other points of interest:

- Perforce version control
- Atlassian tool suite
- Test Driven Development (JUnit)

Designer

Mar 2012 - Mar 2012

Walsh Colour Print

This was a 2 week work placement during my 4th year of secondary school. It involved making mock-up ads for our local magazine using Photoshop.

Education

Bachelor of Science Computer Games Development

2014 - 2018

University of Limerick

- This course has taught me about the fundamentals of computer science.
- Object Oriented Development & Design Patterns: Java
- Distributed Systems: RESTful Web Services
- Human Computer Interaction & User Experience Design
- Final year project involves developing a universal web application that supports continuous delivery and deploys into a Kubernetes cluster.

Projects

Progressive Web Application

The front-end of my final year project, concept modern web application for Dublin Coach.

Features: Create-React-App, Apollo GraphQL, Server Side Rendering, Semantic-UI, Styled-Components, Jest, Docker, CircleCi

GraphQL Back-end

GraphQL powered backend for my Dublin Coach concept application

Features: GraphQL Yogo, ES2017+, Jest, CircleCi

Personal Website

Presents my ongoing projects and details about me, currently under development.

Features: Gatsby.js, Netlify

React Help

I enjoy helping people with react problems. This repository is organized into multiple projects, each one solves a different problem

UX Survey

This survey was used to learn about user experience on Dublin coach's website.

Features: Page Transitions, Firebase

cra-universal

Simple express server for your Create React App projects with Server-side rendering.

My first open-source contribution. Fixed a bug related to Windows.

gcloud-node

Simple docker image that contains gcloud SDK and Node.js. Used in my continuous integration environment. Available on Docker Hub.

All of these projects can be found on my GitHub.

Achievements

ECDL Web Editing

2012 - 2012

ECDL

I completed this night course during my fourth year of secondary school. It covered the basics of web development.

Interests & Activities

Music

With the help of various online lessons I learned how to play the guitar. I also enjoy live music and the atmosphere it creates, for this reason, I go to concerts any chance I get.

Computer Builds

I built my first computer in 2012 and have been making them ever since. I enjoy keeping up with the latest hardware and helping friends with their PC builds.