Greg Byrne

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Profile

Professional full-stack web developer at Edgescan. Experience with JavaScript, ReactJS, Ruby on Rails. Experience delivering multiple full-stack mobile-first web applications based on customer requirements. Interested in all aspects of web-development and experimenting with new technologies. Pursuing a part-time MSc. in Advanced Software Development on my weekends.

Education

2019 - current	**MSc** Advanced Software Development	Technical University Dublin (DIT)

Core Modules:
• Programming Paradigms • Software Design • Web Application Architectures • Advanced Databases • Systems Architectures • Secure Systems Development
Results: • Year One: 1.1

2016	**B.A(mod)** Medicinal Chemistry	Trinity College Dublin

Bachelors Thesis: Design of Photo-Active Materials for Light Absorption.

- Synthesized a range of photo-synthetic nanomaterials. Demonstrated the materials potential as light-harvesting units for renewable energy applications.

Achievements:

- Awarded 1.1 Distinction for Bachelors Project.

2012	**Leaving Certificate [585 points]**	Coláiste Chill Mhantáin

Results: Chemistry (A1), Biology (A1), English (A2), Art (A2), French (B1), Maths (A2)

Experience

05/19 - current	**Edgescan**	Dublin, Ireland

Software Developer
Full stack Web-Dev with Ruby on Rails and React.js.
- Worked in both full-stack Rails development as well as Rails API + React client applications.

05/19 - 08/20	**Showoff.ie**	Wicklow, Ireland

Software Developer
Full stack Web-Dev with Ruby on Rails and React.js.
- Worked in both full-stack Rails development as well as Rails API + React client applications.

- Experience with modern toolsets and APIs for both Rails and React (jQuery, PostgreSQL, SCSS, Redux, React-Router, etc). Significant experience with front-end styling frameworks (Bootstrap / MaterialUi / SemanticUi etc.)

- Experience working in a high pace collaborative environment, working in multiple development environments, version control (git) and project management tools.

- Significant experience with agile development practices and project management tools (Jira / Pivotal Tracker etc.).

06/16 - 12/18	**Chemistry Department Trinity College Dublin**	Dublin, Ireland

Nanomaterials Research Scientist
- Presented work at international conferences and scientific meetings.
- Lead author on research paper currently undergoing peer-review.

Skills

Full-Stack Web-Development
- JavaScript for web-development: Implemented **ReactJs**, **NodeJs**, **Express**, and **Mongoose** libraries to develop multiple web applications. Experienced with **React-Router**, **React-Redux**, **Redux-Form** and other front-end libraries.
- Experience developing backend web-APIs, including integration of APIs such as **Google OAuth**, **PassportJs**, **Socket.io** and **Stripe** payment integration with a **MongoDB** database
- Ruby on Rails: Development of client-side web-applications with a PSQL backend. Implemented **JQuery** / **SCSS** and multiple styling libraries to develop state of the art web-applications. Experience with both third party and custom user credential persistence (**OAuth** and **Devise**)

Responsive Web-Application Design
- Skilled in development for both desktop and mobile platforms with significant experience in **Bootstrap**, **Material Ui**, **Semantic Ui** and other styling frameworks.

Version Control and Agile Practices.
- Experience working with multiple version control platforms (**Gitlab**, **Github**, **Bitbucket**) for collaborative software development. Experience across the full software development lifecycle from design to production deployment.
- Agile methodologies: Experience with agile practices and contemporary work-flows / project management systems (**Jira**, **PivotalTracker**).

Teamwork in High-Pace Environments.
- Experience in fast-turnaround development of bespoke software to suit a clients needs.

Experience in ReactJS, NodeJS,Express, Ruby on Rails, MongoDB, PostgreSQL, Bash.

Interests

Professional: Software Engineering, Web Development, Design.
Personal: Climbing, Painting, Cooking.

References

References available on request.