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Profile

I have over eighteen years of postgraduate experience working with a wide variety of projects across multiple domains and in different workplace settings, both on-site and remote.

I focus on building web and mobile applications that are performant, scalable, and easy to maintain. I adhere to industry standards of the highest quality and work with Open-source software.

Skills

- Development of mobile applications, both cross platform and native.
- Effective communication skills; training, presentations, documentation and delegation.
- Practice and advocate the highest development standards.
- In-depth understanding of technologies across multiple domains.
- Strong analytical thinking and problem solving skills.
- Life-long learner with strong interest in continuous professional development.

Tech stack

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|--------------------|-----------------------|-------------------------------|--------------------|
| TypeScript | JavaScript (ES) | React / React Native | Redux Saga |
| Styled Components | SCSS / SASS / LESS | Progressive Web Apps | CSS Grid |
| NodeJS | ExpressJS | Docker Compose | MongoDB / Mongoose |
| Nginx | Linux | Web Components | webpack |
| Jest | React Testing Library | React Hooks | Lighthouse |
| CircleCI / Jenkins | Git | ESLint / Prettier / Stylelint | Xcode |

Experience

Travelport Digital as senior front-end engineer **Dublin 01/2020 - present**

- Worked on features for a mobile travel app and implemented upgrade path (React Native).
- Migrated client project from AngularJS to ReactJS with TypeScript.

Mobility Trader GmbH as senior front-end engineer **Berlin 01/2018 - 12/2019**

- Created and maintained a marketplace and CRM for the HeyCar used car platform.
- Mentored junior engineers, reviewed CVs and interviewed candidates

Freelance software engineer **Berlin 12/2014 - 01/2018**

- Released two Meteor JS based packages for the open source community.
- Created a variety of web and mobile applications for numerous clients.

Things I Like GmbH as senior full-stack engineer **Berlin 06/2014 - 12/2014**

- Built a website for the Monoqi B2B platform for communication between designers and resellers.
- Created new tools to improve front end development workflow for the team.

Axel Springer Ideas as senior front-end engineer **Berlin 10/2013 - 05/2014**

- Created and maintained a TV guide web application for TunedIn, an Axel Springer startup.
- Wrote unit and acceptance tests to ensure the product was stable throughout each sprint.

iQContent Ltd as senior full-stack engineer **Dublin 03/2013 - 09/2013**

- Created a knowledge based information portal for a large telecoms organisation.
- Optimised registration flow and integrated this with other CRM tools such as Salesforce.

Maithú IT Solutions as technical lead **Dublin 01/2012 - 03/2013**

- Drove the development of multiple mobile applications.
- Overhauled the Irish Times News app and integrated their existing web infrastructure.

Paddy Power PLC as senior full-stack engineer **Dublin 03/2010 - 01/2012**

- Upgraded the in-house CMS to enable targeted content delivery for different user groups.
- Built a staff rostering and payroll system used by shop managers for all Paddy Power outlets.

ClearWeb as senior full-stack engineer **Dublin 07/2008 - 03/2010**

- Created several bespoke content managed websites for clients using hand-coded html and php.
- Practiced excellent standards in web development to ensure organic SEO performance and accessibility.

Net a Porter as full-stack engineer **London 07/2007 - 07/2008**

- Redeveloped the HTML and CSS during a complete overhaul of the company website.
- Created a WYSIWYG tool to author promotional emails and newsletter templates.

FindMyPast.com as full-stack engineer **London 09/2006 - 06/2007**

- Upgraded site standards compliancy in XHTML and CSS.
- Coordinated internal knowledge sharing through regular web standards training.

AOL Technologies as associate software engineer **Dublin 07/2005 - 06/2006**

- Created a web app to monitor RSS feeds from news providers.
- Built an XSLT processor to populate XML feeds to databases.

Qualifications

BSc. in Computer Applications (Honours) // Dublin City University

September 2001 - June 2005

- Modules included Java software development, Business process management, Computer Graphics, Database administration and the Software development life-cycle (waterfall).
- Alcatel CIT, France: created a logging system for GSM cell towers (INTRA work placement).
- Developed a mobile 2D game using J2ME (Final year project).

Interests

- Self taught with many experimental projects, which can be found on GitHub.
- Successfully participated in the '24 The Web' design challenge as lead developer.
- Photography, technology, renewable energy, running and cycling.