

## Career Résumé: Brian Dalton, Msc.

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### INTRODUCTION

I am a very experienced software developer who has skills in a comprehensive array of languages, working well individually or in teams of any size, and under all conditions. I incorporated *Amber Void Solutions Ltd.* in late 2019 and am gradually growing a portfolio of clients under the corporate name, despite the pandemic. Any downtime I have is spent developing my skills to keep them competitive in the current market.

### CURRENT SKILLS

- An in-depth understanding of managing current technologies and development processes on all three major operating environments (Windows, OSX and \*nix platforms),
- Decades of coding experience in strongly-typed languages (C/C++, Java),
- Years of fluency in scripting languages and associated frameworks across the stack (Perl, Python, JavaScript (with jQuery, React, Redux, JRX), Node.js (including SSR React), PHP, MySQL, HTML, CSS, Bash), honed under past years of employment,
- Practical knowledge of several source control systems, including GIT and Subversion, as well as pipeline/deployment tools like JIRA, Kanban, Jenkins and Kubernetes,
- Basic experience with AWS
- Ability to pick up and run with new languages/methodologies very quickly.
- Full Category C driving license, with valid CPC and tachograph cards.

### QUALIFICATIONS

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|-----------|--|--|
| 2019      | <i>Class 2 (C) LGV License</i>   | <i>Surrey &amp; Hampshire HGV Training</i> |
| 2009-2010 | <i>MSc. Games Programming (Distinction)</i>  | <i>University of Hull</i>                  |
|           | <b>Modules taken:</b> <i>Real-time computer graphics, C++ Programming and Design, Advanced Rendering and AI for games, plus others.</i>                  |  |
| 2005-2009 | <i>BSc. Hons. Computer Science (2:1)</i>   | <i>University of Brighton</i>              |
|           | <b>Modules taken:</b> <i>Computer Graphics Algorithms, 3D graphics and animation, Prog. Lang., concurrency and client-server computing, plus others.</i> |  |

### WORK EXPERIENCE

- |           |  |
|-----------|--|
| 2021      | <b>Private Company</b> (Lead Developer, Contracted)  |
|           | Designed and implemented a simple full-stack system for recording sensitive client data using React/Python.  |
| 2020      | <b>ABG</b> (7.5t Deliver Driver, Contracted) <i>Quit due to Covid-19 health risks</i>  |
| 2019      | <b>Founded Amber Void Solutions Ltd.</b>   |
| 2019-2020 | <b>Tag/Williams-Lea International</b> (Lead Senior Developer, Contracted)  |
|           | Involved with training up new developers and overseeing the completion of projects I had previously worked on after the company realised that their remaining developers did not have the required experience, after aggressive company-wide lay-offs. Converted several web interfaces to React during this time, which helped hone my skills in the framework. |

2013-2018 ***Tag/Williams-Lea International*** (Senior Developer)

Involved in several projects including network-optimisation modules, front-end UIs that transferred JSON payloads, designing databases & associated code, coding REST-based APIs, designing & implementing an automated, adaptive import system, and writing documentation. Focus was on continuous integration with agile methodologies.

2008-2009 ***Accenture*** (Lead Developer)

Wrote project documents, oversaw the install of a SAP database system, wrote numerous Perl scripts to automate application testing.

**REFERENCE(S)**

Ross Tredway

Technical Service Manager

Tag Williams-Lea

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