

As a driven and passionate full-stack developer, I am committed to delivering exceptional results through clean, maintainable code. I possess a strong fundamental understanding of many programming concepts, making me a versatile and language independent software engineer able to pick up new skills and technologies quickly. I am known as a dependable source of coding advice and have a proven track record of delivering high-quality code. I pride myself on creating reliable, pixel-perfect solutions that turn into measurable business results.

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## EMPLOYMENT

### 2016 – Present **Software Engineer – IBM (Remote)**

- Worked as a full-stack developer on several internal business transformation projects, including operational tools for managing GDPR and security compliance, and executive dashboards for tracking product revenue and NPS.
- Led the front-end development of a key external website using modern technologies including React and Typescript.
- Created numerous REST APIs using several technologies, including Python, Ruby and Node.js, and interfacing with both SQL and NoSQL data stores.
- Utilized docker for containerisation of microservices and developed a toolchain for deploying to IBM Cloud services, using Travis.
- Demonstrated the ability to work in an Agile fashion, participating in retrospectives and sprint planning, conducting code reviews, and driving adoption of clean code and testing practices.
- Presented in showcases to executives to demonstrate the value and impact of projects.

### 2015 – 2016 **Trainee Software Engineer – IBM**

- Member of the System Verification Testing (SVT) team at IBM's Java Technology Centre.
- Identified defects in IBM Java and collaborated with developers to resolve issues.
- Created a proof-of-concept application for OMR using Ruby and Python, which was used to showcase OMR technology across IBM.

### 2011 **Pear Retail Solutions**

- Gained experience working in a team environment on the production line in a factory.
- Demonstrated self-motivation as I worked individually to complete tasks.
- Commissioned to develop the company website.

### 2010 **officeTwelve**

- As a freelancer, I developed the website for officeTwelve.
- Working alongside designers, I demonstrated key CSS skills to build a beautiful, pixel-perfect website.
- Developed my PHP and server-side skills, using WordPress as a CMS.
- Completed graphic design projects for officeTwelve's external clients, including a large wall display and promotional graphics for Nike.

## SKILLS

- HTML5, CSS3, Sass
  - JavaScript, TypeScript
  - React, Angular, jQuery
  - Python, Ruby, Node.js, PHP
  - Git, GitHub
  - SQL, NoSQL
  - MySQL, IBM Db2, PostgreSQL
  - MongoDB, Elasticsearch
  - Agile, Kanban
  - Pair Programming
  - Docker, Containerisation
  - Microservices
  - CI/CD, Jenkins, Travis
  - Clean Code
  - Test Driven Development
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## EDUCATION

- 2012 – 2016     **Loughborough University - BSc Computer Science**  
Modules Include: Server-Side Programming, Databases, Object Oriented Programming  
First Class Honours (90.8%)
- 2010 – 2012     **Wyggeston & Queen Elizabeth I College**  
A Level Grades: Computing (A\*), Mathematics (A\*), Further Mathematics (A\*), Physics (A\*)  
AS Level Grades: Chemistry (A)
- 2005 – 2010     **Wreake Valley Community College**  
GCSE Grades: 8 A\*s, 2 As, including Mathematics (A\*) and English Language (A\*)
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## WORK EXPERIENCE

- 2010             **Standout**
- Completed a week-long placement at Standout, a web design agency.
  - Assumed administrative duties during the placement.
  - Conducted research on prospective clients for the company.
- 2006 – 2012     **Trinity Life Church**
- Designed, developed, and maintained the Trinity Life Church website.
  - Operated as a visual director in several productions.
  - Demonstrated the ability to lead and work collaboratively with others.
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## AWARDS

- **Chris Miller BSc Finalist Prize**  
For best academic performance in Computer Science at Loughborough University (2016)
- **Morgan Stanley Second Year Prize**  
For best academic performance in Computer Science at Loughborough University (2014)
- **Bank of America Merrill Lynch First Year Prize**  
For best academic performance in Computer Science at Loughborough University (2013)
- **WJEC Advanced Level Award**  
For obtaining the highest mark of all candidates who studied A Level Computing with WJEC in the UK (2012)