JASON DONOGHUE - CV

Personal Links: [Projects](#) | [GitHub](#)   *Email*: jason5donoghue@gmail.com

PERSONAL STATEMENT

Proficient junior software engineer with experience of designing developing and implementing software applications. Utilising Javascript and Python to write wes

With a strong background in technical sales roles, and supplying lighting technology to the construction industry, I've witnessed the transformative power of technology first-hand. My true passion lies in coding, which led me to enrol in the School of Code's intensive bootcamp. There, I honed my problem-solving skills and discovered how learning to code can drive innovation. I have agreed to support pre-enrolment on the course, and I also attend tech meetups to meet likeminded friends. In my spare time I have been learning new languages, getting to grips with data structures and algorithms, and have several personal projects I'm working on.

SKILLS

HTML | CSS | Git | JavaScript | TypeScript | Java | Python
React | Next | Vue | Vite | Node | Express | RESTful API | Flask | SQL | MongoDB

HOBBIES	EDUCATION
Swim – How I enjoy keeping fit	2023 – School of Code
Chess – Played for England in my youth.	2022 – CompTIA A+ / 220 1101 + 1102
Skiing – Reached a level to teach young children.	2019 – PRINCE 2 certification
Trombone – Enjoyed playing in brass and wind bands.	2018 – Certified Associate in Project Management
Volleyball – Play mostly during the summer.	2011 – BA Degree in Business Management & Sports

WORK EXPERIENCE

COMPUTER AND NETWORKS – *July 2023*   **HELPDESK TECHNICIAN**
Responsible for solving technical issue quickly and providing hardware and software support
- Currently designing a support tool to combine troubleshooting information and customer data using Javascript and Python
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Using my strong IT knowledge, I work with the team to solve computer and network issues quickly in a frontline IT support role. I enjoy being in a technical environment and being challenged with difficult scenarios, while helping people and providing an essential service. I've continued to develop a high attention to detail and logical problem-solving skills, while searching for a developer role.

SCHOOL OF CODE – *March to July 2023*   **FULL-STACK DEVELOPMENT BOOTCAMP**

Upon course completion, I've gained expertise in teamwork, problem-solving, mindset, and planning. Engaging in collaborative projects, I utilized Agile methodologies, such as sprints, Kanban planning, and retrospectives. I excelled in breaking down complex problems through kata exercises, tutorials, and hands-on projects. Embracing a growth mindset, I sought challenges, learned from failures, and prioritized meticulous planning for optimized team focus and meeting deadlines.

IT CAREER SWITCH – *January to December 2022 (part-time)*   **IT TECH TRAINEESHIP**

During this course I experienced how to troubleshoot hardware, software, network devices, printers, and servers. Proficient in implementing network security, server configuration, and managing standards and protocols. Explored functional network design, firewall configuration, and OS migration. CompTIA A+ certified for hardware and software troubleshooting.

MACKWELL – *November 2021 to January 2023*   **BUSINESS DEVELOPMENT MANAGER**

Managed OEM accounts in England & Northern Ireland, providing project support and training. Secured £2m in business, representing 25% company revenue increase. Collaborated on product design and launch. Provided on-site troubleshooting and support during project implementation.

HELVAR – *July 2018 to November 2021*   **SALES MANAGER**

Managed £1.5m for key accounts, supporting sales and technical teams. Conducted training sessions for internal and external audiences, showcasing new technology. Collaborated across teams, including third-party contractors, for successful project execution. Employed critical thinking for contract, pricing, and project management, emphasizing business relationships and conflict resolution.

ZUMTOBEL GROUP – September 2016 to July 2018   **SYSTEM SPECIALIST**

Supported teams through tech demos & lighting system design. Found innovative solutions by thinking creatively. Organized projects with technical schematics, estimates, and plans. Effective communication with diverse teams and potential customers.

KEY PROJECTS 2023

STUDYOSAURUS
Problem: Bootcamp lacked resource management system.
Solution: Centralised platform for resource sharing.
Collaborators: Victoria Platt, George Ussher, Evie Amoura
Tech Stack: JavaScript, React, Vite
Approach: Dot voting, pair programming, roles, pre-coding planning, refactoring.
Learnings: Equal opportunities, streamlined tech stack, regular meetings, everyone understand projects.

WISE WALLET KITCHEN
Problem: Soaring food costs vs. stagnant incomes.
Solution: Budget recipe plans for savings and delicious meals.
Stack: JavaScript, React - Router, Supabase
Collaborators: Bianca Buha, Katie Smith, Nick Valente, Tom Swapp, William Browning
Approach: Dot voting, team decisions, pair programming, rotation, static site, early deployment.
Learnings: Friendly culture balanced progress, improved component tree and data flow, conflict resolution through discussion and manifesto realignment.

TERMINAL GAME
Problem: Learn more about the terminal and Python
Solution: Who Wants to Be a Millionaire game, asking questions through the terminal
Collaborators: Individual Project
Tech Stack: Python
Approach: Using a RESTful API for generating random questions, and the input() method for user interaction
Learnings: Fetching data, cleaning data, Randomising output, Importance of virtual environments for libraries.

PERSONAL PANTRY
Problem: Food waste and the separation of what you buy and what you have in your kitchen
Solution: Pantry for storing kitchen items in database, cooking section, shopping part to store lists
Collaborator: William Browning

Tech Stack: JavaScript, React, Python, MongoDB
Approach: Combining the front-end features of React, while providing data storage and analysis using Python
Learning: How to combine two different languages and transfer data between them. Then presenting this in a useful format for the user.