Jack Simms

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ever-evolving portfolio website: https://softwaresimms.github.io/softwaresimms/

Profile

Passionate and dedicated Software Engineer, graduated with First Class Honours and an award. Recognised for talented presentation skills and efficient project management. Excels at communication, building lasting relationships, and driving projects to successful completion. Looking to leverage my technical expertise, imaginative problem solving and leadership qualities in a challenging role that fosters creativity and professional growth.

Technical Skills

• Programming Languages: JavaScript, Node.js, HTML, CSS

• Database Development: PostgreSQL

• Software Engineering: Agile Development, Lean Startup Methodology

• Usability Testing: Experienced in UI design and testing

• Tools: Git, GitHub

Education

2019 – 2023: University of Portsmouth, BSc (Hons) Software Engineering, First Class, Awarded the Adam Crump Memorial Prize for Personal Achievement

2018 – 2019: University of Portsmouth, BEng (Hons) Electronic Engineering

2016 – 2018: Twynham Sixth Form, A-Level Economics (A), Mathematics (B), Physics (C)

2011 – 2016: Winton & Glenmoor Academy, 11 GCSEs (A* - A) including Mathematics (A*) and English Literature/Language (A*/A)

Key Projects and Modules:

• **Scalable Software Engineering:** Presented on Agile Development at the ACCU 23 conference (https://www.youtube.com/watch?v=M36_MS8qA0I). Providing extensive resources on research.

• **Hacking 4 MoD:** Employed Lean Startup Methodology to devise a "Natural Capital Calculator" for the Royal Navy.

• **Usability Testing:** Conducted an exhaustive usability test for Booking.com and designed a new UI for South Western Rails website to enhance its usability.

• **Final Year Project:** Authored a 20,000-word dissertation on the development of a web platform, "WhatCanYouDoWith", which promotes sustainable behaviour and aims to address global resource scarcity and unsustainable consumption.

• **Database Development:** Designed and implemented three PostgreSQL database solutions for diverse industries.

• **Web Development:** Over the course of 3 years, honed proficiency in JavaScript, Node.js, HTML, CSS, Express, and leveraged Git & GitHub for version control in various web development projects.

Relevant Work Experience

Ongoing (Part-Time): Software Engineer – Simply Hi Vis Clothing UK

• Have worked in this family business alongside academic commitments, increasing responsibility over time.

• Previously worked as a Sales Manager/General Assistant; now employed as a software engineer since completing university.

• Identified challenges and proposed software solutions to improve business efficiency (Delivery Slip Chrome Extension, Automated Digital Stock Management, Mobile App). Started development whilst also starting initial learning of React, Next.js, Rust, Docker, Kubernetes and Cloud Servers (AWS, Azure)

Sep 2022 – June 2023: 1st Line IT Support – University of Portsmouth

• Provided empathic, friendly face-to-face support to all university students and staff covering:

• Networking: Campus Wired and Wireless LAN, VPN Configuration, Remote Access

• Software: Operating Systems (Windows, Linux, MacOS, iOS, Android), Printing, Security, University Software, MS Office, Any and All Software Issues

• Hardware: Maintained Campus Technology, Completing diagnostic procedures, and laptop loans.

Other Work Experience

June 2023 – July 2023: Sales Manager – Simply Hi Vis Clothing UK

• Managed store front and took full responsibility during owners' absence, without the ability to ask for help

• Led a team of 4 staff and managed sales across various channels (Walk-ins, Emails, Telephone, Amazon, Etsy, EBay, and website sales)

• Handled invoices, wages, rotas, customer complaints, Wi-Fi failure, printer failure, website failure, and successfully managed a revenue of £2/3K per week

June 2022 – Sept 2022: Festival Food Trader/Supervisor, Forno Sourdough Pizza

• Contributed to profits exceeding £100K by designing, testing, and implementing new service strategies to increase the speed of sales, adapting to changing staff and stock for optimum efficiency.

• Maintained team morale, health, and well-being in challenging working conditions with intense and long working shifts.

Mar 2022 – June 2022: Party Host, Tipsy Parties

• Independently provided unforgettable experiences through technical and fully interactive cocktail lessons, managing large groups of 40+ people with high expectations, providing all glassware, equipment and alcohol

• Earned consistent 5-star reviews and became a preferred choice for events

July 2019 – Aug 2019: Team Leader, National Citizenship Service

• Guided, motivated and completely responsible for a group of sixteen 16-17-year-olds through a challenging four week course, ensuring the safety and well-being of all young people