Will Murphy

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EDUCATION

University of Glasgow — Glasgow, Scotland
BSc (Hons) in Computing Science — *September 2022 - June 2025*
- **Grade:** First Class
- **Relevant modules:** Object Oriented Software Engineering, Database Systems, Cloud Computing, Networks and Operating Systems, Cyber Security, Functional Programming

Simon Langton Grammar School for Boys — Canterbury, England
A-Levels in Computing Science, Maths and German + GCSEs — *September 2015 - June 2022*
- **A-Level Grades:** A, A, A*
- **GCSE Grades:** Average A* across all 11 courses

EXPERIENCE

Glasgow University Software Service — Hybrid
Full Stack Software Engineer — *February 2024 - October 2025*
- **Agile Methodology:** Worked with a team of developers, contributing to monthly sprints and frequent standup meetings
- **CI/CD:** Maintained continuous integration and deployment pipelines to ensure efficient and reliable software delivery
- **APIs:** Designed, built, and tested robust APIs to facilitate seamless cross-service communication and ensure scalability
- **React, Django, MySQL & Azure:** Delivered scalable web applications across the entire stack, integrating responsive UI with efficient backend services and deployment

Assured Insights — Remote
Software Engineer + Web Development Intern — *July 2024 - September 2024*
- **Figma:** Developed interactive prototypes to visualise and refine design concepts before development
- **Idea Presentation:** Presented technical solutions directly to executives, through engaging visuals and clear communication
- **Responsive Design:** Implemented responsive & versatile web layouts that ensure seamless experiences across devices

AccessFintech — Glasgow, Scotland
Summer Work Experience — *September 2023*
- **Start-up Mentality:** Worked with a proactive and flexible approach to problem-solving and collaboration, focusing on innovation and rapid execution
- **Professional Skills:** Learnt industry-standard workflows and tools while shadowing engineering teams

Freelance Business
Video Editor — *2017-2022*
- **Project Ownership:** Managed 50+ client projects from concept to delivery, ensuring timely delivery while adapting to changing requirements
- **Transferrable Skills:** Built strong skills in project management, client communication & collaboration and product iteration

PROJECTS

More information on me and my projects as well as the link to my GitHub can be found on my website: **w-murphy.com**

AutoAssign
React, Next.js, Supabase, TailwindCSS
- Built an automated coding assignment marking platform to help educators assess programming skills at scale
- Delivered competitive scoring features designed to increase student engagement

Music Journalist's Personal Blog
Svelte, SvelteKit, Typescript
- Developed a fully functional client-facing content platform with interactive features
- Managed client expectations with a prioritised development roadmap

Solar System Simulation
Python
- Created an educational tool designed to enhance learning for GCSE Physics students
- Improved student attention and desire-to-learn by transforming static lessons into engaging and interactive experiences

TECHNICAL SKILLS, ACTIVITIES AND MORE

Languages and Frameworks: React, Next.js, Typescript, Java, Python, Javascript, Svelte, C++, SQL, Django, Haskell, C
Developer Tools: Git, Docker, Jupyter Notebook, JUnit, Unix, JetBrains Suite
Activities: Hiking, Climbing, Cycling, Piano
Other: Fluent in German