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Personal Profile
I am a diligent, precise, and enthusiastic individual who works for Accenture and graduated from the
Digital Futures Academy (Software Engineering). During my time at university, I worked in groups for
multiple programming-based projects so through them I have thoroughly strengthened my technical
and interpersonal skills and as a result, I am more ambitious, organised, and detailed in general. My
work experience has also greatly aided in producing a strong work ethic in me and resilient can-do
attitude along with further enhancing my understanding of professional conduct in the workplace.

Technical Skills
- Solid experience coding in Java, JavaScript, React, Python, C#, C++, HTML, and CSS.
- Solid experience in designing and implementing various types of algorithms, use cases, class,
  and activity diagrams as well as software testing, documentation, and some deployment.
- Solid experience of the processes undertaken during the Software Development Life Cycle.
- Solid experience in Android design, development, and testing via Android Studio.
- Designing, creating, and querying databases via SQLite and firm understanding of SQL.
- Manage, configure, and use repositories in GitHub as well as source control via VSC.
- Solid understanding of various aspects of computer architecture, networks, and hardware.
- Familiar with a wide range of Linux-based commands as well as concepts of cloud computing.
- Experienced in the use of Microsoft Visio, Figma (Design tool), Excel, Word, and Powerpoint.

Education
Nottingham Trent University, MSc Computer Science, Distinction (*09/2019 – 06/2021*)
All Modules
Advanced Software Engineering (Overall Result: Distinction)
- Built programs (mostly OOP type) that cover the multitude of advanced features and
  programming concepts that are applied via C++, used Visual Studio 2019 as my IDE.
- Produced detailed diagrams (for e.g., class and sequence) on IBM RSA.
- Explored multiple design patterns and ran numerous functionality tests with evaluations.

Systems Analysis & Design (Overall Result: High Commendation)
- Designed a new system for a bicycle shop (scenario) by researching different methodologies
  then selecting an appropriate one to use, gathering system requirements, and then creating
  use case diagrams as well as a class and activity diagram that describes the new system.
- UI, UX, and database design including development of a deployment and navigation diagram.

**Mobile Interactive Systems: High Distinction | Service-Oriented Cloud Tech: Mid Distinction |
Research Methods: Distinction | Applied AI: High Commendation | Major Project: Distinction**

Coventry University, BSc (Hons) Computer Science (*09/2015 – 05/2019*)
Key modules
Programming, Algorithms, and Data Structures – 73.5%
- Explored different programming techniques along with complexity analysis for algorithms and
  operations upon data structures including event-driven programming, GUIs, and unit testing.
Software Engineering
- Used modern iterative process models, included techniques for requirements engineering,
  architecture style, and detailed software design with patterns.
- Covered implementation and testing as well as overview of project management.

Software Quality & Process Management
- Building full-stack software product using domain-driven design and agile architecture coupled with many automated tests and version control through VSC and GitHub.
- For my project, I designed and built a full-stack file-sharing website that takes advantage Amazon's cloud computing services (AWS) and DigitalOcean for deployment via the web.

More Relevant Modules: Android Applications Development – 76% | Computer Architecture & Networks – 71.5% | Enterprise Information Systems | Operating Systems, Security & Networks | Real World Project | Data & Information Retrieval | Individual Project

Halesowen College *(09/2013 – 07/2015)*
AS Levels: Computing - B, Maths- B, Statistics – B | A-Levels: Computing, Maths, Statistics

Perryfields High School (Currently called Perryfields Academy) *(09/2007 – 08/2012)*
GCSEs: 11 grade A-C including Maths, English (Lang. and Lit), IT, Physics, Chemistry, Biology & RS
BTEC: ICT Level 2 First Certificate (Grade: Distinction AA)

Work Experience

Key AI-Based Skills
- I was Involved in a project that uses a RAG-based approach where Python and a Google-based set of linked agents (information passed from one agent to the next) are utilised to retrieve the necessary context for developing a system for OFGEM (regulator in the Energy industry) to make their workflows and document reviewing capabilities concerning consultations and customer sentiments more efficient and effective in terms of time and cost. I helped with gathering the required data and performed document evaluation via deep research features using Google NotebookLM, Gemini 2.5 Flash, and GPT-5. The project is still operating as it was in the proof of concept phase. Additionally, I compared the performance and accuracy of the models according to our use cases.
- I was on a business development project within Accenture in which I worked with 2 developers to refine the agentic solution for increasing the effectivity and efficiency of finance-related operations for Lloyds Banking Group. I used Python with Copilot AI assistant to upgrade the code for the front-end and had solid exposure along with understanding of the agentic workflow that operates in the back-end and makes use of the connections to other data sources.
- I gained sound exposure to the theory and architecture of transformers and diffusion models via an AI-based course I undertook and the research and applied innovation group I was in. It was in the AI space, the focus at the time was on building and testing LoRA (less expensive, more efficient method for adapting large machine learning models to specific uses) adapters to enable effective adapter switching for models at runtime.

Packaged App Development Analyst & App Developer, Accenture *(06/2022 – 11/2025)*
- Extensive experience with React, TypeScript, and front-end development for multiple projects (for e.g., Gen AI-based and a foodbank application).
- Significant exposure to various detailed microservices including their architectures and connections to popular and widely used APIs.
- Solid experience with analysing and developing Gen AI and machine learning-based applications via JavaScript, React, TypeScript, and Python using various models (for e.g. GPT 4o, DALL-E 3, and Whisper).

UI Developer, Accenture (Client: Palantir) *(06/2025)*
- Assisted with UI Development via React and Mantine UI library for NHSE within Palantir's Foundry platform.
- Acquired knowledge and understanding of ontologies and app development via Foundry's point-and-click interface as well as the structure of Foundry and how it functions.
- Worked through Palantir's front-end development track and aim to proceed to the app development one (I gained the Foundry & AIP Builder Foundations certificate).

Gen AI Engineer, Accenture (Client: NatWest) *(11/2024 – 04/2025)*
- I worked on the front-end development of a digital AI Assistant (Cora) within the mortgage sector of NatWest.
- The main language and framework used was JavaScript and React. Furthermore, I familiarised myself well with the tech architecture and app designs via Figma.
- Received solid positive feedback for my work after my role ended.

Academy Graduate (Software Engineering), Digital Futures *(06/2021 – 04/2022)*
- Performed software design via techniques such as user stories, class diagrams, etc.
- Created and deployed REST APIs and web applications that manipulate persisted data.
- Created and deployed front-end apps via React that consume data from 3rd party services.
- Part of a team that regularly deployed features, simulated a professional environment.

Software Engineer (Placement), ENSEK *(10/2020 – 12/2020)*
- Utilising ASP.NET with .NET Core and .NET framework, using C# and SQL via Visual Studio IDE to develop Web API MVC-based applications as well as Microsoft Azure for accessing ENSEK (a company that builds software solutions for the energy sector)-related data.
- Part of a team that completed various nontrivial billing-based product backlog items (PBIs).

Achievements & Interests

- I am an Oracle Certified Associate (OCA) Java SE 8 Programmer, gained via Digital Futures.
- I am also an Oracle Cloud Infrastructure (OCI) Certified Foundations Associate.
- Foundations and principles of Google Cloud Platform (GCP), badges present on LinkedIn.
- Certificate for completing the Employability and Customer Relations training programme.
- Using websites such as HackerRank, Codecademy, Brillant, SoloLearn, and Programmr to further enhance my ability to efficiently design and develop more complex software.
- Using apps such as Programming Hub, Elevate, Lumosity, and NeuroNation to continuously sharpen my mental state and problem-solving skills as well as improve innovative thinking.
- Frequently practiced meditation, it's a great way for me to relieve stress and further improve my overall well-being as it helps to perpetually keep my mind focused and clear.
- Enjoy activities such as gaming, exercising, badminton, tennis, squash, and cycling.
- Listening to stimulating audiobooks and several podcasts (for e.g., Soft Skills Engineering)
- Developed my understanding of Spanish and Japanese via Duolingo (platform for learning languages).

References available on request.