LUKE CHESTER

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EDUCATION

UNIVERSITY OF LOUGHBOROUGH   **SEPT. 2021– JULY 2025**

BSc (Hons): Computer Science with Industrial Experience – Graduated with 2:1

- Relevant Modules: Computer Systems (85%), Object Oriented Programming (83%), Software Engineering (75%), Human Computer Interaction (77%), Web Programming (77%), Final Year Report (83%)

READING GRAMMAR SCHOOL   **SEPT. 2019 – JUNE 2021**

A Levels: Geography (A), Maths (B), Economics (B), EPQ (B)

RELEVANT EXPERIENCE

SOFTWARE ENGINEER – ACCENTURE, LONDON   **SEPT. 2023 – AUG. 2024**

- Developed a React.js site within a one-week deadline to enhance patient information display, now used as a demo to showcase features to clients, displaying resilience and rapid delivery of high-quality solutions
- Worked in a five-member team to redesign and update a client's front-end site, whilst project managing ensuring the project met its three-month timeline
- Worked with three cross-functional teams in developing full-stack applications, using my skills in front end development, with one using Generative AI, resulting in on-time delivery of functional products which saw me receive positive feedback from senior management
- Designed, and deployed an internal terminology site in a small team, now used by 100 employees, resulting in 20% of time saved, showcasing end-to-end project management and problem-solving skills

SOFTWARE ENGINEER - APPATREE, REMOTE   **JAN. 2023 – AUG. 2024**

- Created a blog website from scratch using React.js, demonstrating proficiency in modern web development frameworks, now used as a flagship site
- Assisted in development of key features and resolved 20+ critical bugs for a mobile app, resulting in a successful launch with 1000+ downloads and a 5-star rating on app stores
- Contributed to 5 successful sprints in an Agile development environment, reducing bug backlog by 70% through effective collaboration and adaptability

JUNIOR DEVELOPER(INTERN) – MMOB, CANARY WHARF, LONDON   **JUL. 2021 – AUG. 2021**

- Manipulated data into graph visualisations using Python and matplotlib, indicating expertise of SQL and python, now used monthly to monitor product performance
- Used SQL to fetch client data from the company database, improving company understanding of client data

SKILLS

- Coding Skills (Advanced Proficiency): JavaScript and Typescript, Node.js, Python, SQL, React.js, CSS
- Soft Skills: Team Management, Data Visualisations, Workshops, Presentations, Teamwork, Brainstorming

SELECTED PROJECTS

TERMINOLOGY HUB

- Built a React.js front-end for a terminology tool with real-time search, term submission, and a community voting system, integrated with a Python backend via RESTful APIs

VENUE BOOKING WEBSITE

- Developed a venue booking website using PHP, integrating SQL database data for real-time availability and bookings
- Applied modern coding techniques, including ES6 and AJAX, for dynamic content updates and improved performance

A.I POWERED MOBILE APPLICATION

- Built a globally scalable tourism app using React Native, Firebase, Google Gemini A.I and Google Maps API, integrating real time geolocation and A.I powered educational content for any destination
- Reduced Google Maps API call costs by 95% through a multi-tier caching system
- Engineered 12 distinct features across five development cycles using Feature Driven Development, including dynamic A.I content prompts, location tracking and gamified progress systems

ADDITIONAL INFORMATION

- Extra-Curricular: Tutor in an initiative where I went to an underprivileged community and taught children Maths and English. Hobbies in Piano, Guitar, Travelling, History, Reading, Technology