

EDUCATION

- **University of Hertfordshire** Hertfordshire, England
Bachelor of Science with Honours in Computer Science; GPA: 4.00
Sept. 2022 – June. 2025
- **Highlands School** Enfield, London
A-level Maths: A; A-level Computer Science: A; A-level Physics: B
Sept. 2020 – July. 2022

EXPERIENCE

- **Safeguard-Me** Remote
Full Stack Developer
Jan 2025 – July 2025
 - **Full-Stack Development:** Designed and built responsive admin interfaces using React and SCSS, and connected them to MongoDB-based backend via Express.js.
 - **Stripe Integration:** Integrated Stripe API to support secure credit-based transaction tracking and payment management.
 - **Data Visualisation:** Implemented real-time analytics dashboards using chart components to visualise credit usage trends and recent user activity.
 - **Role-Based Access Control:** Developed access management features to restrict or grant permissions based on admin roles .
 - **REST API Development:** Built and consumed RESTful APIs to support dashboard functionality, data updates, and secure operations.
 - **Team Collaboration:** Worked closely with frontend and backend teammates to manage feature development, resolve bugs, and conduct testing.
 - **Testing and Debugging:** Performed UI validation, bug tracking, and functional testing to ensure a reliable admin experience.
 - **Version Control:** Used Git and GitHub for version control, issue tracking, and collaborative development workflows with over 100 commits and resolved 10 conflicts during PRs.
- **University of Hertfordshire** Hatfield, UK
SPECS Proctor (Lab Assistant & Student Support)
Oct 2023 – Apr 2025
 - **Student Support:** Provided lab guidance and academic assistance to over 500 students, contributing to a better learning experience.
 - **Event Coordination:** Helped organise university Hackathons and Open Days with 2000 participants, ensuring smooth logistics and guest experience.
- **Greggs Distribution Centre** London, UK
Warehouse Operative
Apr 2023 – Oct 2023
 - **Inventory Management:** Maintained 1000 inventory logs, shipment records, and performed quality control on incoming/outgoing stock.

PROJECTS

- **Safeguard-Me Admin Dashboard:** Built a full-featured system admin dashboard for a safeguarding platform using React, Node.js, MongoDB, SCSS, and the Stripe API. Included real-time charts, role-based access control, and credit tracking tools.
- **Health Data Analysis:** Conducted an end-to-end health data analysis project in Python. Used pandas, scikit-learn, and Matplotlib to clean data, apply PCA/SVM models, and visualize diabetes risk factors for public health insights.
- **TaskMaster Productivity App:** Designed a gamified mobile task management app in Flutter using Firebase for authentication. Included features like recurring tasks, reminders, calendar view, and a habit-building game mechanic.
- **Depot Parcel System:** Java desktop app simulating a parcel depot with user collections and storage logic. Developed with MVC and Singleton patterns using Java Swing, with clear separation of concerns and GUI responsiveness.

PROGRAMMING SKILLS

- **Languages:** Python, JavaScript, Java, Dart, TypeScript, SQL
- **Frontend Technologies:** React, Flutter, SCSS, HTML, CSS, TailwindCSS
- **Backend & Databases:** Node.js (Express), Firebase, MongoDB
- **Tools & DevOps:** Git, GitHub, VS Code, CI/CD, Figma