

Eric Leon

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A graduate software developer, with a drive to create functional programs that deliver a seamless user experience. Versed in a multitude of programming languages through 7 years of programming learning. Proven excellence in front-end and back-end skills, in academic learning and personal projects. Excels in complex problem solving and leadership skills.

PROFESSIONAL EXPERIENCE

Android Developer at FoodCLUB UK (Industrial Placement)

Aug 2023 – Aug 2024

- Developed and implemented the front-end of an Android food application using Kotlin and Jetpack Compose, translating designer wireframes into responsive, production-ready UI components.
- Built interactive user interfaces for a recipe-sharing app, including dynamic layouts, navigation flows, and state-driven components to ensure a smooth user experience.
- Collaborated closely with designers, backend engineers, and QA within a SCRUM Agile team to deliver user-facing features for the Master release.
- Ensured high code quality through rigorous testing and debugging of UI components and data flows, maintaining stability during API and authentication updates.
- Integrated media content and ingredient data from backend services, optimising loading behaviour and reducing response times by up to sixfold.
- Proposed and implemented accessibility improvements, including inclusive UI components and usability enhancements for diverse user groups.

Mthree Academy Training

Oct 2025 – Nov 2025

- Completed an intensive 6-week programme covering Java, SQL, Scala, Agile methodologies, and professional consulting skills.
- Developed applications implementing CRUD operations and database interaction, ingesting, processing, and performing data analysis on CSV datasets exceeding 700 records using Scala file handling.
- Completed five software projects covering Java, SQL, and Scala development within a six-week intensive programme.
- Worked collaboratively in teams to analyse requirements, solve technical problems, and deliver solutions within deadlines.
- Produced high-quality work aligned with industry standards and professional expectations.
- Built a strong foundation for software engineering and data-driven development roles.

Computer Science Tutor

Oct 2022 – Jun

2023

- Structured and delivered learning content around specific exam board criteria to tailor education materials.
- Guided the student through complex CS concepts with patience, fostering a supportive environment that encouraged independent problem-solving.
- Monitored progress using measurable outcomes, resulting in sustained improvement in student performance.

TECHNICAL SKILLS

Languages: C++, Python, Java, SQL, C#, C, Scala

Web: Python, PHP, JavaScript, JavaScript Extended, HTML 5.0, CSS, Less CSS, Kotlin, Typescript

LLM/AI Experience: Gemini, ChatGPT, ClaudeAI

Web Frameworks: React, Preact, Django, Flask, Vue, SpringBoot

Databases & Tools: SQLite, MySQL, PostgreSQL, Django Models, Firebase, Postman API

IDEs: IntelliJ Idea, Pycharm, Clion, Visual Studio, Visual Studio Code, WebStorm, Android Studio, GitHub

EDUCATION

Queen Mary University of London

Sep 2021 – Aug 2025

BSc Computer Science, Upper Second Class Honours (2:1)

Courses: Web Programming, Compilers, Security Engineering, Multi-platform Game Development, OOP, UX Design, Database Systems, Algorithm and Data Structures, Operating Systems

Mill Hill County High School

Sep 2014 – Jul 2021

A-level (A*: Mathematics, A: Computer Science, B: Physics)

PROJECTS

Weather App

2023

- Led planning and design of a data-driven application to display weather information from external sources.
- Designed high-fidelity UI wireframes with focus on usability and clarity of information.
- Implemented the application using Preact and JavaScript.
- Collaborated in a team environment to test, debug, and deliver a reliable solution.

'Real Support Academy' Web portal

2023

- Developed a secure web portal using React and JSX with authentication and user-specific functionality.
- Implemented features enabling users to access protected resources, courses, and messaging tools.
- Designed consistent UI components and integrated front-end with backend services.
- Coordinated tasks within a six-member team, contributing to planning, implementation, and review.

Chat Program

2022

- Developed a real-time messaging application using Django with a Python backend and HTML frontend.
- Implemented database storage, retrieval, and editing of messages using structured queries.
- Enabled socket communication via Django Channels for concurrent user interaction.
- Completed as an independent project to deepen understanding of backend systems and data persistence.

Spring Boot Log Parser

2025

- Engineered a log-parsing tool in Java and Scala using Spring Boot MVC to process structured data.
 - Integrated AI (Gemini) to extract insights and output parsed results in JSON format.
 - Contributed to framework configuration and dependency injection setup.
 - Worked within a five-person team to deliver a scalable data-processing solution.
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SOFT SKILLS

Team Collaboration: Strong contributor in multi-member teams, offering feedback and taking ownership of tasks.

Time Management: Facilitate GitHub project boards to prioritise tasks and adhere to deadlines consistently.

Communication: Clear communicator in meetings, progress updates, and peer feedback loops.

EXTRA-CURRICULAR ACTIVITY

Lego Club Leader - Showed leadership skills by ensuring teams followed their roles to build innovative creations.