

Ana Clara Monteiro

[Personal Portfolio Website](#)

+44 7851 310656 | anaserinet.mot@gmail.com | [Linkedin](#) | [Github](#)

Education

Bachelor of Science in Computer Science - King's College London - First Class Honours - London, UK. September 2024 - August 2028

Relevant modules: Data Structures, Computer Systems, Database Systems, Software Engineering

Foundation Year in Engineering and Computer Technology – Tecnológico de Monterrey, MX - Aug 2023 – Jun 2024

GPA: 92/100 (3.7/4.0)

Skills

Programming Languages & Frameworks: Java, Python, C++, JavaScript, React, Node.js, Flask, HTML, CSS, SQL

Software Engineering: Full-stack development, REST APIs, Microservices, Object-Oriented Programming, Agile (SCRUM), Test-driven development, Code Reviews, Unit Testing, Git/GitHub, Agile project management, Technical Documentation

Data & Cloud: Big Data basics, AWS (Textract, Deployment), MATLAB, Machine Learning (scikit-learn, pandas), Spring Cloud familiarity

Languages: English (fluent), Spanish (native), Portuguese (native), French (conversational)

Experience

Software Development Intern at [Positivo S+](#) (June - August 2025) - *JavaScript, HTML, CSS, Bootstrap*

Worked in an Agile Scrum team to build and deliver features for 3 client-facing digital products.

Enhanced system scalability and contributed to production-ready deployments.

Delivered technical documentation, conducted code reviews, and collaborated with senior engineers to align with stakeholders.

Frontend UI/UX Engineer [King's Business Club](#) (November 2025 - Present)

Collaborated with the software engineering team to develop 2+ client websites, improving user experience across platforms.

Optimized, maintained, and expanded King's Labs and King's Business Club websites by adding new features, reducing load times, and enhancing accessibility through modern UI/UX practices.

Programming mentor volunteer at [Baytree Center](#) | (Oct 2024 - Apr 2025)

Mentored and guided 4 women in programming and math fundamentals, preparing them for tech careers.

Projects

[Scauty](#)- *Typescript, React, HTML/CSS, SQL, TOML*

Automated hiring workflows for 4+ companies across LATAM, reducing manual work and hiring risk, by building an AI-powered recruitment platform.

[French AI teacher](#)- *React, JavaScript, HTML/CSS (Deployed on Render)*

Built an AI-driven conversational app to help users practice French with real-time grammar and pronunciation feedback.

Integrated speech recognition and audio synthesis with APIs to create an interactive learning experience.

[Holly Stick](#) (Hackathon) - *Python, HTML/CSS, Flask*

Developed a predictive machine learning web app to evaluate business outcomes based on user priorities.

Optimized microservice workflows, improving scalability and trust metrics by 25%.

Awards and Achievements

🏆 **Tech4Good Hackathon – 2nd Place** (*KiddyByte, Enactus*)

🏆 **Technovation 2024 – 1st Place** (*Verde Vivo, Mobile App for Environmental Change*)