

# Charles Suddens-Spiers

London, England — charlie.suddens-spiers@live.com — My LinkedIn — My GitHub — My Website

## Technical Summary

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First-class MSc Computer Science graduate with hands-on experience building cloud-hosted applications, data-driven solutions, and accessible user interfaces. Skilled in full-stack development and cloud services, with experience delivering client-facing solutions and building production-ready applications. Recognised for strong problem-solving ability, collaboration, and translating technical concepts into real-world impact.

- **Programming Languages:** Java, Python, C++, HTML, CSS, JavaScript/TypeScript, Scala, SQL
- **Tools & Technologies:** Trello, CI/CD pipelines, JSON, APIs, Agile/SCRUM, AWS, Microsoft Entra ID
- **Interests:** Software engineering, applied ML/AI, cloud computing, financial technologies, data-driven products

## Experience

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### KCL x AWS Impact Accelerator - Conversate App

November 2024 — Present

*Project Manager & Developer — Client: North Yorkshire Council*

Contributors: 4

*GitHub Repository*

- Engineered a real-time multilingual translation platform using AWS serverless services, enabling inclusive council meetings with audio transcription and live translation.
- Implemented Microsoft Entra ID SSO, improving security and streamlining access.
- Delivered a responsive React/TypeScript front-end with accessibility features and transcript delivery.
- Automated testing, builds, and deployments via AWS Amplify CI/CD with Infrastructure as Code.
- **Tech Stack:** React, TypeScript, AWS, Tailwind CSS, Entra ID.

### Rothschild & Co, London, England

January 2025 — March 2025

IT Department Shadow

- Observed enterprise-scale IT governance, risk management, and security testing protocols.
- Gained exposure to vulnerability scanning, penetration testing, and compliance standards.
- Built understanding of cybersecurity frameworks and IT service delivery in global finance.

## Projects

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### Your Digital Doctor Will See You Now - 3rd Year Dissertation

April 2024

- Built a multilingual symptom-checker web app integrating Healthily SSC API + Google Cloud Translate, supporting 10+ languages with secure data handling.
- Improved accessibility to healthcare information for non-native speakers by automating translation pipeline.
- Tools: Python (Django), JavaScript, HTML/CSS.
- Full project details: Project Report

### Greggor Financial Companion

March 2023

*GitHub Repository*

- Developed financial dashboards enabling users to track accounts, transactions, and goals.
- Designed progress tracking & leaderboard features, to add gamification elements.
- Applied Agile workflow with Trello & GitHub; contributed to full-stack development using Python (Django), JS, HTML/CSS.

## Education

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### King's College London, London, England

September 2021 – July 2025

MSci Computer Science (Hons), First Class

### Whitgift School, London, England

Enrolled: August 2019 — Graduated: May 2021

A-Levels:

- A\* Computer Science, A\* Mathematics, A\* Design and Technology, A Physics

## Certifications

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Professional Skills for a Globalised World — King's College London, Nov 2021

## Hobbies & Interests

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Golf (patience, strategy, continuous improvement)  
Skiing (resilience, adaptability in challenging conditions)  
Gaming (problem-solving, teamwork, creativity)  
Travel (curiosity, new experiences, adaptability)