

## Summary

I am a software developer with a solid track record in building scalable applications using technologies such as Flutter, React, Node.js, and various databases. My experience includes delivering mobile-first solutions and custom dashboards for high-profile clients, where I focused on improving user engagement and optimizing system performance. I have also enhanced SEO to increase organic traffic and improve online visibility. Currently, I am transitioning into cybersecurity, aiming to build secure and robust systems. To support this shift, I am pursuing Cisco's cybersecurity certifications to deepen my knowledge and address the evolving security challenges in today's digital landscape.

## Professional Experience

### Our Lady of Dolours

Software Developer

May 2022 - Present

London, UK

**Boosted mobile user conversion by 34%** through the implementation of a mobile-first design strategy, utilizing tools such as **JavaScript** and **CSS animations** to enhance interactivity and responsiveness across devices.

- **Led the migration of the school's website to WordPress CMS**, streamlining content management and integrating custom **PHP scripts** to automate content updates, ensuring a more efficient workflow for the team.
- **Optimized SEO**, leveraging **Google Search Console** and **custom scripts** to improve on-page SEO, securing a top ranking in Google search results and driving a 25% increase in organic traffic.
- **Ensured full GDPR compliance**, implementing secure data handling protocols with **JavaScript** and **PHP**, and adhering to **DfE** and **SEND regulations**, safeguarding sensitive student information and ensuring compliance across all digital platforms.

### 39 Steps Coffee

Shopify Developer

May 2021 - April 2022

Knightsbridge, UK

🌐 <https://beantale.com/pages/about-us>

- **Promoted from German Chefs to 39 Steps Coffee** due to strong performance, where I contributed to the **redesign** of the company's **website**, improving **user engagement** and site **functionality**.
- Integrated **animations** and enhanced the website's **performance** by optimizing **assets**, improving **load times**, and creating a better **user experience**.
- Led the **migration** from **WordPress** to **Shopify**, refining **e-commerce** processes and simplifying **product management**.
- Applied **SEO techniques** and personalized **remarketing** strategies using **Klaviyo**, contributing to a **28% improvement in conversion rates**.
- Designed and edited various **digital assets**, including **banners** and **videos**, to strengthen the brand's **online presence** and support marketing initiatives.
- Collaborated with the **marketing team** to ensure alignment between **content** and **visuals** with the company's **brand identity**, ensuring consistency across platforms.

### German Chefs

Lead Flutter Developer

August 2020 - May 2022

Knightsbridge, UK

🌐 <https://play.google.com/store/apps/details?id=com.atencia.germanchefs&hl=en>

- Delivered a high-quality **iOS/Android app** for **German Chefs**, a luxury dining brand owned by **Mesut Özil**, providing seamless mobile access to exclusive dining experiences.
- Developed an advanced **cart system** with multi-gateway **payment options** (**Google Pay**, **Apple Pay**, **Stripe**), ensuring smooth and secure transactions for clients.
- Built a comprehensive **manager dashboard** using **PHP** and the **MVC pattern**, streamlining internal operations and improving decision-making with real-time data insights.
- Integrated real-time tracking through location-based **REST APIs** and **Firebase**, enhancing customer experience.
- Led the creation of digital assets for **Warmer Winter Group**, supporting the distribution of fresh food to 50,000 children and families between the 20th and 24th 2020, in partnership with groups including Mesut Özil's **German Chefs**.
- Worked closely with the Queen's chef to ensure that the food delivery process and presentation maintained the highest standards of quality.
- Promoted to **39 Steps Coffee** due to outstanding performance and significant contributions to the company's **digital initiatives**.

## Intact Accounting

Flutter Mobile Developer

<https://www.intact-accounting.co.uk/>

Sep 2018 - Aug 2020

Watford, UK

- Led the development and design of the **Intact-Chat** Android app, integrating Firebase chat functionality for seamless communication between users.
- Enhanced document handling efficiency by 15% through integration with **Firestore Storage**, improving retrieval times and system performance.
- Utilized **DocuSign Verification API** to incorporate secure, electronic document signing within the app, enhancing workflow efficiency and document security.
- Integrated **REST API** services, expanding app functionality and improving data flow across multiple endpoints.
- Implemented **Google Sign-In** for authentication, leading to a 10% increase in user registrations and improving overall user experience and security.

## CapitalOnTap

QA Tester / Compliance / Operations Officer

Jul 2018 - Sep 2018

London, UK

- Initially hired to handle **operations calls**, I exceeded performance expectations by managing up to 300 calls per day, completing all operational tasks ahead of schedule.
- Transitioned into a **Compliance Officer** role, where I managed regulatory requirements and ensured adherence to industry standards, quickly mastering compliance procedures and maintaining full operational efficiency.
- Conducted **manual QA testing** on the company's fin-tech app across **web, Android, and iOS platforms**, identifying bugs, inconsistencies, and usability issues to improve overall app functionality and user experience.
- Wrote detailed **bug reports** and reviewed documentation to ensure clear communication and prioritisation of issues between development teams.
- Collaborated with both **front-end** and **back-end developers**, providing actionable feedback to ensure the app met business objectives and compliance requirements.

## Education

### Queen Mary University

MSc Computer Science

September 2017 – July 2018

London, UK

Modules: Object Oriented Programming (C++); Mobile Services; Cloud Computing; Business Technology; Machine Learning; Computer Vision; Security & Authentication(Cryptography); Design for Human Interaction

### Middlesex University

BSc Computer Science

October 2012 – June 2016

London, UK

Modules: Data Warehousing and Business Intelligence; HCI Human Computer Interaction; Computer Graphics; Database Design; Project Management; Novel Interaction; Interaction Design; Cloud Computing; Software Development; Systems and Architecture

## Publications

### So you want to build a smart city?

Data Center Dynamics

May 2020

<https://www.datacenterdynamics.com/en/analysis/so-you-want-build-smart-city/>

## Projects

### Smart Mirror

Built a **voice-controlled smart mirror** using a **Raspberry Pi 3**, integrating a **PIR sensor** to activate the display when approached. Designed the interface with **HTML, CSS, and JavaScript (Node.js)** to display real-time data from **APIs**, including email feeds, weather, travel, news, and stock updates. Incorporated **Google Assistant API** for **voice control**, enabling hands-free interaction. Developed **Bluetooth** connectivity to sync with light speakers for audio output, integrated **Spotify API** for music streaming, and enabled **YouTube casting** for video display. All components were seamlessly controlled via **voice commands** and custom **Python** scripts.

## Skills

### Languages, Frameworks & Databases

Flutter, Dart, Python, JavaScript, PHP, React, Next.js, Node.js, JSON, YAML, Firebase, MongoDB, MySQL, PostgreSQL, SQL, Git

### Tools, Security & OS

Postman, Selenium, Docker, VS Code, Android Studio, Xcode, Jira, Trello, AWS, Metasploit, Nmap, Wireshark, Google Analytics, Tableau, Figma, Photoshop, Illustrator, Klaviyo, Supabase, Firebase Cloud Messaging, Google Pay, Apple Pay, Stripe API, Spotify API, YouTube API, macOS, Linux Mint, Kali Linux, Windows