Cristiana Simoes
Software Engineer

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About Me:

I'm a software developer whose enjoyed the excitement of building mobile apps that bring people together and creating resilient microservices that make the security sector a safer place. When I'm not solving puzzles at work, you can usually find me immersed in my own projects. Lately, I've been building small video games, and developing an app aimed at helping people with celiac disease quickly find the products they need. My passion lies in expanding my skills in software architecture and crafting solutions that are as innovative as they are reliable.

Skills:

Frontend:	Backend:	DevOps:	Design:
Javascript	Python	AWS	Figma
Typescript	Node.js	Datadog	Asperite
React	Java	Docker	
Vue	C	Azure	
Svelte	GML	VMware	
SQL	PHP	Cloudflare	
Sass	MySQL	Gitlab	
Bootstrap	PostgreSQL		
Tailwind	Git		

The Keyholding Company

Software Engineer

London   July 2023 - present

I work as a software developer at The Keyholding Company, focusing on advancing robust technology in the security sector.
Here's what I developed:

Micro services Development: Developed micro services in Python to extend the existing monolithic architecture, to remove bad code and bad practices.

Event-Driven Architecture: Utilised Kafka to listen to the monolithic service and transfer relevant data to micro services.

Architecture & Design: Assisted in architecture of service flows using Miro for visual planning and design.

AWS Integration: Leveraged AWS technologies, including Lambda and RDS, for scalable and efficient deployment.

Monitoring & Logging: Integrated DataDog and AWS CloudWatch with Lambda functions to monitor and analyse log errors.

Recent Projects I led

EDOB Service Development (Project: Nessa)
Objective: Digitise the traditional paper-based system by developing an electronic system within the application. The project aims to reduce data loss and data errors by 90% within three months.
Project Details:

- **Service Creation:** Developed a new service named Nessa to streamline the process of handling jobs, observations, and property issues.
- **Data Transformation:** Designed and implemented transformers to process and categorise incoming data into distinct occurrences.
- **Event Differentiation:** Utilised Enum to assign event types to various occurrences, enabling clear differentiation and structured handling within the application.

Outcome: Successfully developed the EDOB system few weeks before the deadline, gaining expertise in data transformation and project leadership, ready to manage and adapt the project as needed.

Thursday

Full-Stack Engineer

London   July 2022 - July 2023

I worked as a full-stack developer at Thursday, a startup that connects people through shared interests.
Here's what I developed:

Mobile App Development: Developed a mobile app using React Native to connect users with similar interests.

API Development: Created RESTful APIs in Node.js to handle user data and interactions.

Database Management: Utilised PostgreSQL to store user data and preferences.

Testing & Deployment: Utilised Jest and Enzyme for testing and Docker for deployment.

AWS Management: Led the optimisation of systems using EC2 instances, integrated Lambda functions, and set up S3 buckets for cross-account data storage.

Versantus

Junior Developer

Oxford   August 2021 - July 2022

I worked as a junior developer at Versantus, a digital agency that specialises in creating bespoke websites and applications.
Here's what I developed:

Web Development: Developed websites using HTML, CSS, and JavaScript to create responsive and user-friendly designs.

Content Management: Utilised WordPress and Drupal to create custom themes and plugins for clients.

Design Integration: Integrated designs from Figma into websites to create pixel-perfect designs.

Client Communication: Communicated with clients to understand their needs and provide updates on project progress.