Carlos Sanchez

FULL STACK SOFTWARE ENGINEER

Full Stack Software Engineer with strong frontend expertise in React and TypeScript, complemented by solid backend skills. Passionate about building scalable, user-centric applications.

Seeking a role that leverages my technical strengths while providing opportunities to grow as a developer through new challenges in web, AI, or mobile technologies.

Full right to work in the UK

🌐 **My Website / Portfolio**

📞 +447393524078

✉️ carlossc999@gmail.com

🌐 Github   LinkedIn   Youtube

TECH STACK

- React / NextJs / Vite
- NodeJs /ExpressJs
- Javascript / Typescript
- TailwindCss
- Python
- Terraform
- AWS
- Datadog / Sentry
- Docker
- MongoDb / Firebase / PostgreSQL
- **Check Portfolio for more**

EXPERIENCE

DTN (London, UK)

Software Engineer II
March 2023 - Current

- Developed and maintained new features for the platform's frontend using React and Next.js, enhancing performance and user experience across multiple products within the energy industry team.
- Improved backend services using microservices architecture with Node.js, Docker, and MongoDB, boosting system scalability and reliability.
- Integrated real-time monitoring and alerting with Datadog, reducing production incidents by 70% and proactively addressing potential system failures.
- Mentored new team members on development best practices, accelerating onboarding while maintaining high code quality standards.
- Spearheaded an initiative to streamline and automate the process of building new UIs by integrating Storybook and GitHub Copilot, reducing development time and improving component reusability.
- Architected and deployed a new company-wide product infrastructure from scratch, establishing multiple environments using Terraform and AWS infrastructure-as-code practices, and building robust CI/CD pipelines to ensure seamless and reliable software delivery.

Krowd Innovation (Manchester, UK)

Co-Founder
November 2021 - February 2023

- Engineered a scalable API system for recording and verifying Non-Fungible Tickets (NFTs), improving ticket authentication and preventing resales.
- Managed in-person event "Non-Fungible Talks" (March 2022) in Manchester, showcasing innovative ticketing solutions and driving industry interest.
- Delivered a presentation at Fintech North Manchester (November 2022), sharing insights on the role of blockchain in ticketing and event management.
- Secured partnerships through AccelerateME (University of Manchester) and Exchange Enterprise City, leveraging growth opportunities and industry mentorship.
- Oversaw technical development, leading cross-functional teams and ensuring successful delivery of customer-centric blockchain solutions.

EDUCATION

- Msc Physics With Astrophysics

University of Manchester, UK
2018 -2022