

Cristian Serban

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Full-Stack Developer with 3+ years of experience in TypeScript, React, Node.js and Cloud systems. At ITS, I maintain an Ecommerce platform processing 30K+ orders and millions monthly visitors. I love solving real problems and delivering systems that customers rely on. Interested in software architecture, and system design, AI and agentic coding.

Professional Experience

Full Stack Developer	ITS	March 2024 - Present
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Harlow, UK (Hybrid)

Developed full-stack features for a UK tools retailer, handling 30,000+ monthly orders across 29,000+ products.

- Built an event-driven serverless bulk pricing system end to end using Google Cloud Run Functions, with a TypeScript/Node.js backend, REST APIs, and a JavaScript storefront.
- Architected and shipped a retail frontend in JavaScript and SASS, building 8 page templates across 90+ pages to replace a retiring WooCommerce site.
- Delivered AI product summaries from the data team's content tool to live product pages across the full 29,000+ product catalog, using SQL Server, Firestore on GCP, React and GraphQL.
- Engineered a full-stack data integration syncing per-product display settings from a 3ex.NET admin through SQL Server and GCP, covering a 29,000+ product catalog using TypeScript, SQL, and JavaScript.
- Built promotional templates (JavaScript, CSS) that let the marketing team add their own campaign content, with start and end date logic that switches it on and off, cutting campaign launch time by 25%.
- Introduced agentic coding workflows (Claude Code, Copilot, Figma MCP) with a CLAUDE.md file to keep generated code consistent with existing patterns, contributing to a drop in sprint delivery from 2 weeks to 1.
- Took 5 account management flows from no automated coverage to full Jest unit and Playwright end-to-end testing during a legacy refactor, replacing a fix-in-production workflow.
- Rebuilt the customer account area around a shared page template (BigCommerce Stencil, JavaScript), replacing a legacy top navigation with a left-rail layout that six account sections were then built against.
- Mentored a UI/UX designer into shipping production code through pair programming and code review, taking them from handing over designs to implementing their own frontend changes.

Technologies: *TypeScript, JavaScript, Node.js, React.js, GCP, Cloud Run Functions, Serverless, GraphQL, REST APIs, SQL, SQL Server, HTML5, CSS3, Sass, Git, GitHub, CI/CD, Jest, Playwright, Claude Code, GitHub Copilot, MCP, Agile.*

Student Web Developer	Mimo Dev	January 2023 - September 2023
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London, UK (Remote)

Built and deployed responsive web apps in JavaScript and React that pull data from REST APIs, using Git and GitHub.

- Built a cocktail discovery web app (The Cocktail Cache) in a team of four, pulling data from a public REST API (CocktailDB) with async JavaScript (ES6), HTML5 and CSS3, and deploying it on Netlify.
- Built a responsive student accommodation web app in React and JavaScript (ES6), fetching listing data from REST APIs to power city filtering, search and detailed listing pages.

Technologies: *JavaScript (ES6), React, HTML5, CSS3, REST APIs, Styled Components, Responsive Design, Web Performance, Accessibility, Git, GitHub, Netlify.*

Senior Music Advisor	Vivedia	September 2020 - March 2024
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Sheffield, UK (Remote)

Sourced music for services at venues across the UK, working to fixed service times.

- Sourced and quality-checked music requests against a library of thousands of weekly additions, meeting service deadlines with no margin for re-delivery.

Education

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| • MSc Audio Engineering , University of Derby | September 2019 – September 2020 |
| • BSc Music Technology and Production , University of Derby | September 2016 – July 2019 |

Skills and Technologies

- **Frontend:** JavaScript (ES6), TypeScript, React, Preact, Styled Components, Next.js, HTML, CSS, SASS, Webpack, Vite, Responsive Design, Accessibility, WCAG, Web Performance, Optimization, Caching/CDN, Core Web Vitals, Lazy Loading, Lighthouse, Reusable Components, Figma, GraphQL, REST APIs
- **Backend:** Node.js, TypeScript, Express, REST APIs, GraphQL, API Design, API Integrations, Microservices, OpenAPI/Swagger
- **Data:** SQL, SQL Server, Stored Procedures, NoSQL, MongoDB, Firestore, Drizzle ORM, CSV Processing, Data Pipelines
- **Cloud & DevOps:** GCP, Cloud Run Functions, Cloud Tasks, Cloud Storage, Serverless, Event-Driven Architecture, Docker, CI/CD, Observability, Deployment, Git, GitHub, GitHub Actions, Vercel
- **AI & LLM:** LLMs AI Integration, AI-Generated Content Pipelines, Agentic Workflows, Claude Code, Coding Agents, GitHub Copilot, ChatGPT/OpenAI, Codex, MCPs (Figma MCP), CLAUDE.md
- **Quality:** E2E Testing, Code Review, Code Quality, Automated Testing, Unit Testing, Integration Testing, Jest, Playwright, Pair Programming
- **Agile & Scrum:** Agile, Scrum, Kanban, Backlog Refinement, Daily Stand-ups, Sprint Planning, Jira

Projects & Extra

- **Software Mastery™ by theSeniorDev** - A 1-year program tailored for driven software engineers aiming to solidify their skills at the senior level. The curriculum is designed to cover a wide array of high-level topics, such as Software System Design, Microservices, API Design methodologies, and advanced CI/CD processes.

Languages

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| • English: | Professional Proficiency |
| • Romanian: | Native Proficiency |

Hobbies & Personal

- In my free time, I like to cook and go on long walks around the town.