

# CARLES ANDRÉS

## Web Engineer

carlesandres.com - [github.com/carlesandres](https://github.com/carlesandres) - [linkedin.com/in/carlesandres](https://www.linkedin.com/in/carlesandres)

## SUMMARY (keywords)

Javascript, Typescript, React, CSS, HTML, Next.js, TailwindCSS, Node.js, Performance, Browser Compatibility, Git, Vercel, Design Systems, Responsive design, Python, Supabase, Postgres, Firebase, Canvas API, Web Workers, IndexedDB, SQL, RESTful APIs, Webpack, Eslint, Heroku, Redux, AWS, Docker, Jest, framer-motion, testing-library.

## EXPERIENCE

### Staff Engineer

Marks and Spencer (Jan'24-Mar'24) - London, UK - <https://marksandspencer.com>

Designed, championed and documented best engineering practices within the Content Personalisation team (code structure, code review standards, use of JIRA, etc). Improved integration with other teams within the organisation. Built new experiments driving substantial incremental revenue. **React, Typescript, Next.js, emotion, Jest, testing-library, msw (mockServiceWorker), Nx (monorepo), Optimizely.**

### Founder / Full-stack Engineer

Git Examples (Sep'23-Jan'24) - London, UK - <https://gitexamples.com>

Designed and implemented a platform for teaching git from examples. **React (app router), Typescript, Next.js, Supabase, TailwindCSS, Playwright, OpenAI API, framer-motion.**

### Senior Frontend Developer

Board Intelligence (Feb'22-Aug'23) - London, UK - <https://boardintelligence.co.uk>

Built an ambitious Google-Docs-like application with real-time collaboration, rich text editing and versioning capabilities. Advised the business on architecting the frontend, building a design system, testing strategies, usability and developer experience. **React, Typescript, emotion, Prosemirror, msw (mockServiceWorker), Docker, Jest, testing-library, framer-motion, webpack.**

### Technical Lead

Covea Insurance (Sep' 21 - Feb'22) - London, UK - <https://coveainsurance.co.uk>

Led a team of 6 engineers building a new Agent Portal. Advising the business on architecting the presentation layer. **Camunda, React, codelists, msw (mockServiceWorker), Docker, Jest, React testing-library, Create React App, Node, Loopback.**

### Lead Frontend Engineer

Tellimer (Jan 21 - Sep '21) - London, UK - <https://tellimer.com>

Led a team of 4 engineers working across 2 different applications, supervising code quality and driving best practices. Designed and implemented an incremental site migration from AWS to Vercel and from Nuxt/Vue to React/Next.js. Designed and implemented a comprehensive testing strategy for the company. **React, Next.js, Typescript, TailwindCSS, Vercel, GraphQL, Node.js, Apollo, LaunchDarkly, Hubspot, Google Tag Manager, Jest, React testing-library, Cypress, Storybook, Chromatic, Vue, Nuxt.js.**

## Senior Software Engineer

Financial Times (Jul '18 – Dec '20) - London, UK - <https://ft.com>

Full-stack developer in the Ads & Privacy Team working on FT.com and the FT mobile apps. Among many projects I led, designed and implemented a monitoring performance solution and an automated testing-in-production system for ads. **Node.js, Express, Puppeteer, Mocha, Jest, Nightwatch, React, Fastly, Heroku, CircleCI, Chartio, Splunk, BigQuery, Github Actions, Postman.**

## Previous roles

Lead Full-Stack Developer	Net-a-porter	2016-2018	London
Senior Front-End Developer	Amelco	2015 – 2016	London
Lead Front-End Developer	Sportlobster	2014	London
UI - Javascript Developer	EVERYTHING	2014	London
HTML5 Application Engineer	Teleena	2013-2014	London
Frontend Web Developer	Wavilon	2012 – 2013	Barcelona
Full-Stack Web Developer	Tecnicsoft	2011 – 2012	Barcelona
Full-Stack Web Developer	R.D. Alba	2010 – 2011	Barcelona
Telecom Engineering Director	Arquidos	2004 - 2011	Barcelona
Fiber Optic Network Engineer	ONO	2003 - 2004	Barcelona
Software Developer	CMC química	1996 - 2003	Barcelona

## COURSES & CERTIFICATIONS

- Systems Analysis (EUCIP)
- Oracle Database Administration OCP
- Introduction to **Artificial Intelligence** (Stanford University)
- Artificial Intelligence for Robotics (Udacity) (CS373)
- ITIL Foundation v3 Certificate EXIN (2011), Licence 4282478.974191
- CS169.2x: Advanced Software as a Service (2013) BerkeleyX

## EDUCATION

M.Sc., Telecommunication Engineering  
Universitat Politècnica de Catalunya. Barcelona. Spain.

## PERSONAL PROJECTS

- [mnral.com](https://mnral.com). Note-taking app. (React/Next.js/TailwindCSS/IndexedDB/Electron)
- [gitexamples.com](https://gitexamples.com). Git learning platform. (React/Next.js/TailwindCSS/Supabase)
- [cheatss.vercel.app](https://cheatss.vercel.app): Second brain. (React/Next.js/TailwindCSS/Supabase/OpenAI)
- VIM London Meetup organiser (2020-2023)