



# DAVID MARTIN COHEN

Full Stack Developer | Django & React Specialist

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Full stack developer with 7+ years building scalable web and mobile applications using Django, Node, React, and TypeScript. Fast learner who can rapidly understand codebases and deliver value immediately. Proven track record delivering high-impact features for government platforms, fintech startups, and high-traffic marketplaces. Expert in performance optimization, test-driven development, and agile collaboration.

## TECHNICAL SKILLS

<b>Frontend:</b>	React, TypeScript, Next.js, Redux, Svelte, React Native, GraphQL, Tailwind CSS
<b>Backend:</b>	Django, Django REST Framework, Python, Node.js, PostgreSQL, MongoDB
<b>Tools:</b>	Jest, React Testing Library, Pytest, Sentry, Datadog, Docker, Scalingo, Kubernetes, AWS, GCP, Git, Agile

## PROFESSIONAL EXPERIENCE

### Freelance Full Stack Developer | La Plateforme de l'inclusion • Jun 2025 - Present (Remote)

- Full-stack development for DORA, a French government platform serving thousands of social workers connecting beneficiaries with employment insertion services nationwide
- Built critical features using Django/Python backend and Svelte/TypeScript frontend in lean two-person development team
- Implemented comprehensive error tracking and monitoring with Sentry to maintain platform reliability and rapidly identify production issues
- Focused on security and GDPR compliance: implemented file validation by magic bytes to prevent malicious uploads and built cookie consent management system from scratch
- Made strategic product engineering decisions to prioritize high-impact features for vulnerable populations within tight resource constraints

### Freelance Full Stack Developer | Qantev • Dec 2024 - Mar 2025 (Hybrid)

- Built greenfield internal demo management tool from concept to fully deployed production solution, reducing client demo preparation time by 50%
- Operated autonomously to translate high-level product requirements into actionable development tasks and technical architecture
- Designed and implemented backend using Django and PostgreSQL with strict isolation between demo and production systems
- Developed React/TypeScript frontend with Ant Design based on product mockups, coordinated Kubernetes deployment with DevOps team

### Freelance Frontend Developer | Leboncoin • Oct 2023 - Nov 2024 (Hybrid)

- Designed and implemented high-performance advertising features for France's largest online marketplace serving 28M+ unique monthly users
- Developed scalable solutions using Next.js, React, TypeScript, and Tailwind CSS in fast-paced, metrics-driven environment with millions of daily users
- Performed meticulous code reviews to maintain high code quality standards and prevent production regressions
- Collaborated with international team of developers, product managers, and designers using Agile methodologies to align frontend solutions with business objectives

### Full Stack Developer | Foodles • Sep 2019 - May 2023 (Hybrid)

- Full-stack development for French foodtech scaleup (550+ clients) revolutionizing corporate catering with smart connected fridges
- Developed internal web app using React, TypeScript, Next.js, and GraphQL for access control, inventory tracking, and performance analytics
- Built and deployed mobile features using React Native, Fastlane, and AppCenter, improving UX and reliability across iOS and Android platforms
- Rebuilt cashier app with React, Redux, and TypeScript, modernizing codebase and reducing checkout time by 40%
- Designed backend services using Django and PostgreSQL, including integration of promo code logic into pricing engine
- Reduced automatically resolvable fridge errors by 50%, significantly decreasing customer support ticket volume

- Led migration from Enzyme to React Testing Library, improving test accuracy, speed, and frontend code maintainability

### **Full Stack Developer** | DreamQuark • *Oct 2018 - Aug 2019*

- Full-stack development for fintech startup building AI-powered decision-support software for financial and insurance sectors
- Developed frontend features using React and Redux, improving usability, responsiveness, and performance across core application modules
- Built backend services with Node.js, GraphQL, and MongoDB, optimizing API design and improving data-fetching efficiency
- Created advanced data visualizations using D3.js enabling intuitive interpretation of complex machine learning results

## **PROJECTS**

### **Birthday Surprise Game** | Django, PostgreSQL • [Demo](#)

- Full-stack web app gamifying gift reveals: answer questions → collect letters → solve Wordle-style puzzle → reveal gift

### **Exercise Timer** | React Native, TypeScript • [github.com/dmc1985/exercisetimer](https://github.com/dmc1985/exercisetimer)

- Mobile app for timed exercise routines with audio cues; custom workout creation using React Hooks and Navigation

## **TECH TALK**

### [Weaving Mental Models with React Fiber](#) • *Meetup React Nantes x leboncoin tech* • *Apr 2024*

- Technical presentation creating a mental model of React and its underlying reconciler, React Fiber

## **VOLUNTEER WORK**

### **Web Developer & Translator** | *Autour de l'eau* • *Apr 2016 - Present*

- Maintain WordPress website for non-profit providing clean water and sanitation to rural Cameroon communities
- Translate documents from French to English supporting fundraising and international outreach efforts

<h3><b>EDUCATION</b></h3> <p><b>UCLA</b>   B.A. English, Cum Laude</p> <p><b>Ironhack</b>   Web Development Bootcamp (2018)</p>	<h3><b>LANGUAGES</b></h3> <p><b>English:</b> Native</p> <p><b>French:</b> DELF C1 + 9 years professional experience</p> <p><b>Spanish:</b> B1</p>
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## **INTERESTS**

- Avid board game player and puzzle solver (chess, crossword)
- Basketball player
- Creator of thought-provoking [video essays](#)