

AXEL MANNESSIEZ

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Front-End Engineer with a Master's Degree and 3+ years building modern web applications (TypeScript, React, Astro), focused on the details that make interfaces feel right. Analytical, creative, product-minded and always learning, UC Berkeley alumni with experience across France and the US, I thrive on ambitious, high-impact work.

SKILLS & LANGUAGES

Web: JavaScript, TypeScript, React, Redux, Vitest, Jest, Playwright, React Testing Library, Astro.js, Vue.js, Nuxt.js, Gatsby, HTML, CSS, Sass, Tailwind, Accessibility, SEO
Back-End: Node.js, Express, Python, PHP, C#, Java

Data: SQL, NoSQL, GraphQL, JSON, Supabase
Tools & CI/CD: Claude Code, Git (GitHub, GitLab, Bitbucket), Azure Pipelines, Netlify, Docker
Design: UI/UX, Figma, Affinity Designer

Languages: French (native), English (fluent), Spanish (intermediate)

PROFESSIONAL EXPERIENCE

Witbe – AI Test Automation and Monitoring Software for Video Providers

New-York, NY, USA

Front-End Developer, Web & Product

Nov 2024 – Present

- Delivered a 15x increase in monthly new inbound leads within 6 months by architecting and shipping the next-generation website (Astro.js, TypeScript), with a focus on responsive design, performance, SEO, and accessibility
- Pitched and built a custom touchscreen demo app contributing to 527 scanned leads at IBC, reused across international tradeshows and running fully offline leveraging the website's design system (Astro.js, TypeScript)
- Redesigning core React product applications including a virtual NOC interface and a resource manager
- Modeled and deployed a Strapi CMS ensuring one-for-one migration of 114 content pieces across multiple data sources
- Spun up a documentation platform from Markdown (Astro Starlight), exploring RAG-powered search integration

CANAL+ – Premium Television Channel and Streaming Service

Paris, France

React Front-End Developer, Web Video Player Team

Feb 2023 – Nov 2024

- Developed new features and bug fixes on the streaming service's video player using React and Redux, serving 25M+ subscribers across Web, Smart TV, and gaming console platforms
- Improved the team's daily productivity by building internal tools: a web-app for testing multiple development versions of the Player and a browser extension enhancing GitLab with 10+ advanced features
- Ensured cross-browser and cross-device compatibility, including legacy browser support, by implementing responsive design patterns and thorough multi-platform testing
- Led code reviews ensuring compliance with best practices, maintained code quality, and mentored 2 junior engineers
- Oversaw release management, handling new releases, critical hotfixes, and progressive deployments in production

BeezUP – Software Editor in the E-Commerce sector

Paris, France

Web & Data Developer – Intern + Freelance

Jul 2021 – Jun 2023

- Designed and developed a year-end retrospective personalized for 100+ customers based on their sales data: automated SQL-based client segmentation, KPI generation and an animated Vue.js presentation
- Rebuilt a client-facing marketplace attribute lookup tool with improved UX and RESTful API integration
- Improved SEO score by 50% and facilitated back-office administration of the commercial WordPress website

EDUCATION

ISEP – Computer Engineering School

Paris, France

Master's Degree in Computer Science and Digital Technologies – Highest Honors

Sep 2018 – Jul 2023

Relevant Coursework: Full-Stack Web Development • Algorithmics & Programming • Databases & Big Data •

Data Analysis in Python • AI & Optimization • Business Intelligence • Computer Architecture

Undergraduate Intensive Coursework in Mathematics and Physics

University of California, Berkeley

Berkeley, CA, USA

Exchange Semester, Berkeley Global Access Program (BGA) – GPA: 3.93

Aug 2022 – Dec 2022

Relevant Coursework: Web-App Development • Statistics & Data Science • Data Analysis • User-Interface Design

ENTREPRENEURSHIP EXPERIENCE

AXL. Customs – Creation of Custom-made Vinyl Collectibles

Paris, France

Founder

Aug 2017 – Present

- Created and currently run part-time a B2C small business, selling limited-edition custom-made figures internationally through social media (20K+ combined followers)
- Handled ideation, art direction, design and production stages of the project, working with artists and music labels