Cort Harlow

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Summary

Senior Frontend Engineer with 10 years of experience leading platform architecture, product-focused initiatives, and team growth. Proven track record driving frontend transformations, from monolith rebuilds to scalable React/TypeScript systems serving Fortune 500 clients with 1B+ annual user interactions. Experienced in mentoring engineers, standardizing code practices, and collaborating cross-functionally to align technical strategy with product impact.

Skills

Languages: JavaScript, TypeScript, HTML5, SCSS/SASS, Python, SQL
Technologies: React, Angular, Styled Components, GraphQL, Node.js, Express, Flask, Vite, Webpack, Jest, React Testing Library, Vitest, PostgreSQL, MySQL, SQLite, MongoDB, Mongoose, Docker, GitHub Actions, CI/CD, Google Cloud Platform
AI: Claude Code, Cursor, Anthropic MCP Servers

Experience

FindMine — New York, NY   **July 2017–July 2025**
Lead Frontend Engineer | March 2021–July 2025
— Led frontend engineering for FindMine, owning platform architecture, technical direction, and team growth while aligning engineering initiatives with product priorities across internal and client-facing applications
— Championed and led development of a React-based widget builder UI, from prototype through full implementation, enabling non-technical users to visually configure Web Component widgets with real-time preview, streamlining workflows and reducing engineering interruptions by 50%
— Drove adoption of FindMine's next-generation Web Components architecture by re-engineering client-embedded JavaScript widgets with React and TypeScript, powering seamless integration on Fortune 500 retail sites and generating 1B+ annual widget views
— Consolidated frontend systems into a unified TypeScript monorepo with a reusable design system, CI/CD pipelines, and full testing suite (0% to 100% coverage), deployed via Vercel across dev, staging, and production environments
— Spearheaded a full React redesign of FindMine's flagship internal and client-facing platform, delivering a performant UI that saved the Customer Experience team 200 hours each month, a 30% decrease in manual effort
— Scaled engineering capacity by managing contractors, onboarding senior hires, and mentoring peers through code reviews and architectural guidance, growing the frontend team's headcount 3x
— Directed backend collaboration by leading the refactor of GraphQL APIs in Python to improve frontend-driven product capabilities and accelerate feature delivery

Software Engineer | July 2017–March 2021
— Contributed to FindMine's growth by driving major frontend and backend initiatives, improving platform performance, client integrations, and data reliability across large-scale retail systems
— Led the first major frontend transformation, rebuilding the FindMine's primary platform from a jQuery monolith into a modular Angular application, cutting load times by 90% and establishing a scalable foundation for future development
— Partnered directly with key major retail brand clients as technical liaison, accelerating adoption by conducting live debugging and pair-programming sessions with 10+ external teams to reduce onboarding time
— Built scalable Python-based ETL pipelines to ingest and normalize complex 2.5GB+ retail product feeds (CSV, XML, NDJSON) into FindMine's internal schema, ensuring reliability across diverse client systems
— Strengthened backend reliability by contributing pytest test coverage to core services and supporting the team's adoption of test-driven development practices

Digiday Media — New York, NY   **February 2016–April 2017**
Web Developer
- Served as technical architect and sole developer for Digiday Media's new editorial verticals, *Glossy* and *Tradestreaming* (now *Tearsheet*), delivering fully responsive, high-performance websites under tight launch deadlines
- Designed and presented the proposed site architecture after building multiple proof-of-concept prototypes, securing buy-in across the company for a decoupled publishing stack
- Built a hybrid architecture using WordPress REST API, custom Node/Express middleware, and AngularJS to power editorial content, with middleware enabling rich article previews when shared on social media
- Resolved SEO and performance concerns by implementing dynamic sitemaps, Prerender.io rendering, and CDN distribution via Fastly, ensuring strong search visibility and fast, reliable content delivery

Core-apps — Remote   **February 2014–September 2017**
Frontend Developer
- Started as QA Intern, manually testing web and mobile event apps across multiple devices and browsers, logging bugs and usability issues during weekly release cycles, before transitioning into frontend development
- Built and customized static HTML/CSS interfaces for hundreds of client event pages, incorporating responsive layouts and lightweight interactivity with jQuery
- Collaborated with engineering teams to support consistent UI quality across client deliverables, contributing to reliable product launches during peak event seasons

Education

Hunter College, CUNY – Bachelor of Arts, Urban Studies, Summa Cum Laude   2022
Ohio State University – Completed 74 credits toward a Bachelor of Arts, Human-Computer Interaction   2014