Alex Ciminillo

Senior Full Stack Engineer | Web, Mobile, Payments & AI

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Product-minded engineer with 6+ years of professional experience at Amazon, Zora and smaller companies. Owns work from customer-flow design and technical scoping through frontend, backend integration and production delivery. Experienced in project leadership, mentoring, interviewing and collaboration across engineering, product and design.

Professional Experience

Senior Software Engineer | Zora Feb 2026 – Aug 2026

- Owned and shipped a referral system end to end, spanning code generation, Redis caches, qualification logic and payout pipelines for $5 rewards to both the new customer and referrer.
- Built Apple Pay on-ramps for web and iOS and Google Pay support through Coinbase APIs; integrated phone verification and Privy, coordinating directly with Coinbase on the payment flows.
- Shipped Zora Bot, an in-app AI assistant, including the chat experience and messaging backend; iterated response behavior and layered abuse controls for scams, off-topic requests and token misuse.
- Built production CLI onboarding for AI agents spanning Zora and Privy accounts, local and smart wallets, profile setup, backend APIs, protocol integration and rate-limiting controls.
- Built internal developer pages for debugging app, website and customer scenarios, accessed through nonproduction EAS app builds. Trained engineers, led technical meetings and participated in interviewing and candidate selection.

Frontend Software Engineer II (L5) | Amazon Jul 2022 – Feb 2026

- Delivered 15+ customer-facing features across web, mobile web and the Amazon app in credit-card experiences used by 18M+ customers; owned design, implementation, reviews, deployment and monitoring.
- Built React and TypeScript onboarding for newly approved cardmembers, including digital profiles, bank consent and OAuth account linking. Owned responsive statements and in-browser PDF viewing with accessible layouts.
- Led frontend architecture for the Amazon Shopping app wallet using React Native, TypeScript and Redux. Built payment-method and gift-card experiences used by millions of customers.
- Delivered a bank-partner account-linking marketing flow that added 70K+ linked accounts, with 90%+ test coverage and zero launch defects for that launch.
- Modernized mobile authentication through deep linking, in-app browser APIs and fallback flows. Partnered with design and analytics on navigation, accessibility and experiments.
- Built operational-excellence tools and pages to help the team investigate and debug tickets. Led approximately three to four engineers on project work and participated in hiring and candidate selection.

Technical Foundation

React, React Native, TypeScript, JavaScript, Redux, HTML, CSS, Node.js, APIs, Redis, SQL, PostgreSQL, OAuth, SAML, SCIM, role-based and attribute-based access control. Additional experience with Ruby on Rails, Vue, Angular, Ionic and personal Python projects.

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Selected Production Projects | Zora

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Referral qualification and payouts

Built the complete referral journey: backend-generated codes, customer sharing and signup, qualifying activity and reward delivery. A referred customer qualified after trading at least $5 of crypto or depositing $5 through the supported payment on-ramps; the new customer and referrer then each received $5.

Owned Redis caches, qualification logic and payout pipelines, alongside the customer flow and UI/UX decisions. Worked across frontend and backend to ship the system to production.

Apple Pay and Google Pay funding

Created Apple Pay support for web and iOS and Google Pay support using Coinbase's on-ramp APIs. Integrated phone-number verification and Privy into the funding experience.

Coordinated directly with Coinbase while developing the integration. Owned the end-to-end implementation and worked closely on customer journeys and edge cases across payment and identity steps.

Zora Bot: customer-facing AI assistant

Built the in-app chat experience and messaging backend for an assistant that answered customer questions and provided crypto information. Owned response behavior and repeated testing as part of the product work.

Testing surfaced overly confident financial recommendations and unwanted algorithm/data-extraction-style requests. Refined the assistant's behavior and implemented layered safeguards, including regex-based filtering, to address abuse, scams, off-topic use and token waste.

AI-agent CLI onboarding

Built a single-command onboarding journey spanning Zora and Privy accounts, local and smart wallets, and customer profiles. Enabled AI agents to create an account and begin using the product through the CLI.

Implemented CLI commands, backend APIs and protocol-layer integration. Reused and extended existing endpoints, added profile and wallet setup, and implemented rate-limiting and abuse controls. Tested the complete journey and shipped it to production.

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Earlier Experience, Leadership & Skills

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Earlier Professional Experience

Full Stack Software Engineer | The Concrete Protector

2021 – 2022

- Developed and deployed five iOS and Android applications for inventory, productivity, client communication and information security.
- Led five contract developers through the design and development of the Infinite VPN application.
- Built an inventory-management application that saved approximately $5,000 per month in warehouse communication costs.
- Used Salesforce analytics, recordings and click/scroll behavior to identify UX problems and implement changes that increased customer subscriptions by 2% monthly.

Contract Developer | Web and Mobile Applications

2019 – 2021

- Delivered responsive websites and mobile applications for clients, translating business requirements into products from concept through deployment. Worked with clients on project status, proposals and technical decisions.

Technical and Product Leadership

- Led technical initiatives involving teams of four to eight engineers, sometimes spanning multiple teams; largest project reporting scope at Amazon was approximately three to four engineers.
- Mentored and trained engineers, led technical meetings and contributed to interviews, candidate evaluation and hiring discussions at Amazon and Zora.
- Made product-level judgments about customer flows, technical feasibility and scope. Challenged impractical interface designs, deferred requests with disproportionate implementation cost and kept cross-team dependencies visible during planning.
- At Amazon, ran workshops and wrote onboarding guides for navigation, experiments, mobile wallet and account management. Partner-team ramp-up improved by weeks.
- Handled hundreds of on-call tickets, including Sev-2 incidents; used kill switches during outages, built customer-impact tooling and reduced noisy monitoring.

Technical Skills

Frontend and mobile: React, React Native, TypeScript, JavaScript, Redux, HTML, CSS, reusable UI components, responsive design and accessibility; additional Angular, Ionic and Vue experience.

Backend and identity: Node.js, API integration, Redis, SQL, PostgreSQL, OAuth, SAML, SCIM, RBAC and ABAC; Ruby on Rails experience. Python used in personal projects.

Applied AI and developer tools: assistant behavior, testing and abuse controls; CLI onboarding, debugging tools and developer workflows. Familiar with RAG, structured outputs, tool calling, model routing, formal evaluations and agent chaining.

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Education, Projects & Professional Development

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Education and Recognition

B.S., Mechanical Engineering — Wright State University, 2019

B.A., Japanese Language and Culture — University of Findlay, 2020. Minors in International Relations and Intercultural Studies.

Amazon Customer Obsession Award, 2023 and 2024

2nd place, Amazon North America Payments Hackathon, 2024; 3rd place, 2023

Independent Development

Continued building independent web and mobile projects alongside professional work, exploring full-stack development, product interactions and new technologies.

Professional Development

Frontend Masters: Front-End System Design; Full Stack for Front-End Engineers, v3; Deep JavaScript Foundations, v3; JavaScript: The Hard Parts, v2; Website Accessibility, v3; Mastering Chrome Developer Tools, v4.

Infrastructure and Commercial Experience

At Zora, owned operations and configuration for Kubernetes, GPU and distributed-data infrastructure, with a focus on cost-effectiveness. Built internal debugging and operational tools at Zora and Amazon; Amazon tools were adopted by other teams. Experience with B2B pricing, packaging and sales quotas.

Additional Technical Experience

Java, Swift, Kotlin, GraphQL, AWS, Web Components and Express.js. Earlier engineering coursework included MATLAB and C++. Regularly used AI development tools throughout professional product work.