ROBERT ABBY

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SUMMARY

Frontend software engineer with 15 years of experience building performant, user-centered web applications across B2B and B2C domains in agile environments. Specialized expertise in React frameworks, scalable UI systems, design systems, component architecture, and refactoring. Proven success translating complex technical requirements into intuitive solutions that drive engagement and support business growth.

EXPERIENCE

IT Manager

VIMSIA March 2025 - November 2025, St Thomas, VI

- Overseeing all aspects of IT infrastructure, including network management, hardware and software procurement, and system maintenance to ensure optimal performance and security with a network uptime of 98%.
- Managing code and changes for small websites, microsites and data repositories using modern frameworks and tools.
- Providing technical support and training to faculty and staff, enhancing effective utilization of technology in educational settings and reducing support requests by 20%.
- Coordinating with external vendors and service providers to ensure seamless integration and operation of IT services.

Staff Engineer

PartySlate December 2018 - February 2024, Chicago, IL

- Supported growth at PartySlate (B2C), a dual-sided marketplace platform, from a 12-person early-stage startup to a +50-employee Series-B company while averaging 258.33% revenue growth year-over-year.
- Spearheaded 10+ large-scale features in a React frontend and Ruby on Rails backend from requirements phase through agile development and cross-functional definition process, resulting in a 25% increase in user engagement year-over-year.
- Led the rewrite of Find Venues Page, the most impactful page on the website, to provide an interactive Map-view and redesigned search results, leading to a 150% increase in Venue inquiries.
- Mentored fellow engineers via code-reviews, pair programming and lunch-and-learns fostering a positive and collaborative environment.
- Optimized code quality across teams by integrating ESLint and Prettier into CI pipelines, reducing code review defects by 40% and ensuring consistent React/GraphQL standards.
- Expanded UI Components library by developing 25+ reusable modules with Ant Design, streamlining cross-team collaboration and reducing feature rollout cycle by 40% over a 12-month period using Rollup.js and Storybook.

Senior UX Engineer

project44 June 2018 - December 2018, Chicago, IL

- Collaborated within the Product Experience team at project44 (B2B) defining and developing processes and features for project44's new User Interface products, sitting atop existing API based solutions.
- Implemented Here Maps API to build interactive map-based interfaces.
- Implementing features into a React/Redux codebase within tight timelines and scope using development best-practices (Jest, Enzyme, ES6, SCSS w/BEM).
- Led the creation of a living style guide and UI component library with Ant Design & Rollup.js.
- Built live-code prototypes and deployed to AWS (S3) for gathering feedback and testing new features.

Senior UI/UX & Product Developer

SAVO April 2013 - June 2018, Chicago, IL

- At SAVO (B2B) collaborated within Agile and Lean UX methodologies taking projects from discovery to implementation.
- Led the spinout of an autonomous UI/UX team that adopted a user-centered process, conducting 50+ User Research sessions, Usability Interviews, and Design Workshops, resulting in a 30% increase in user satisfaction.
- Contributed to the production of a holistic Design Language and Living Design System, resulting in a 20% improvement in developer productivity.
- Established the SAVO Front-End Guild, a bi-weekly meeting for all developers that covered Front-end development basics, best practices, and industry trends.

Web Developer

Web2Carz November 2011 - March 2013, Highland Park, IL

- At Web2Carz (B2C) collaborated with stakeholders and designers to implement new car viewing galleries, contact forms, article layouts, resulting in a 20% improvement in revenue, a 15% decrease in bounce rate, and a 25% increase in conversion.
- Developed a revamped, standalone mobile web application adopting cutting-edge industry standards (jQuery), leading to a 20% increase in revenue.
- Implemented git for version control and a formal deployment process to reduce bugs and increase uptime of the site.

SKILLS

Languages & Frameworks: JavaScript, React, Next, TypeScript, React Testing Library, Jest, Enzyme, Cypress, TanStack Query, Apollo Client, SWR, Zustand, Zod, Mobx, Webpack, Vite, SWC, Chakra UI, Ant Design, Tailwind CSS, Framer Motion, Eslint, Prettier, a11y, Nodejs, Ruby on Rails, Python

Platforms, Tools & AI: AWS (ECR, ECS, S3, CloudWatch, Route 53, etc.), Docker, Figma, Git & GitHub, CI/CD, VS Code, Claude Code, Vercel

Leadership: Coaching, Mentorship, Agile, Pair Programming, Code Reviews, Cross-functional Collaboration, Team Building, Technical Writing, Knowledge Sharing

CERTIFICATIONS

Designing & Building AI Products & Services

MIT XPRO · 2024

Certified Scrum Product Owner

Scrum Alliance · 2017

Tony Robbins Mastery University

Tony Robbins · 2016

EDUCATION

Associates in Business

American Intercontinental University Online · Schaumburg, IL · 2005