

# ROBERT ABBY

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## SUMMARY

Senior technologist with 15 years spanning software engineering and IT operations. Most recently IT Manager at VIMSIA, overseeing network infrastructure, procurement, and end-user support (98% uptime, 20% reduction in support requests). Prior to that, Staff Engineer at PartySlate, leading frontend architecture, design systems, and code quality through Series-B growth. MIT-certified in AI product design, with hands-on experience integrating modern AI tooling into engineering and operations workflows.

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## EXPERIENCE

### IT Manager & Technology Strategist

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%.
- Explored the intersection of AI and education, engaging with administration on strategies for technology integration in educational settings.
- Providing technical support and training to faculty and staff, enhancing effective utilization of technology in educational settings and reducing support requests by 20%.

### 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.
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## SKILLS

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**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, Node.js, Ruby on Rails, Python

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

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

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## CERTIFICATIONS

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### Designing & Building AI Products & Services

MIT XPRO • 2024

### Certified Scrum Product Owner

Scrum Alliance • 2017

### Tony Robbins Mastery University

Tony Robbins • 2016

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## EDUCATION

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### Business Administration Studies

American Intercontinental University Online • Schaumburg, IL • 2005

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