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Company: Emerald Cloud Lab
Position: Senior Software Engineer
March 2026 - Current
Author technical specifications for frontend initiatives and serve as on-call engineer for production incident response, including client-facing communication
Leverage AI-assisted development tools to accelerate feature delivery and debugging for a desktop Electron application
Proposed and led migration from a costly third-party QA platform to Playwright, reducing testing costs while improving coverage

Company: Collectors
Position: Software Engineer
May 2022 - Oct 2024
Served as the primary point of contact for all front-end engineering issues related to AI and ML projects, leading to an intuitive and responsive user interface to showcase the work of the AI/ML team
Collaborating closely with cross-functional teams to ensure timely and successful project deliveries across multiple greenfield projects
Revamped legacy code base by implementing modern design language standards, bringing the application aesthetically in line with our latest offerings

Company: Medidata
Position: Software Engineer
Sept 2020 - May 2022
Delivered new features and interactions for a healthcare provider application enabling clients to visualize their UX journey and prioritize user task customization
Validated GoJS workflow steps via the implementation of a directed graph, enabling validation of workflow and individual nodes in linear time
Wrote and executed automated tests through Cypress spec and feature files while implementing CICD parallel execution, reducing check times by ~70%
Created reusable mobile UI components and implemented them according to designer specifications with React Native

Company: InRhythm
Position: Software Engineer
Dec 2019 - Sept 2020
Contributed to a server-side rendered React application for a multinational fintech corporation that served over two million domestic business prospects annually
Implemented A/B tests that tracked visitor behavior for a legacy codebase, enabling product visibility of real-time marketing analytics
Streamlined UI development for the internal components library using Storyboard, promoting component reusability across teams

Company: Cedrus Digital
Position: Software Engineer
Feb 2019 - Dec 2019
Engineered a TypeScript enterprise web application using AngularJS and Express/NodeJS to migrate hundreds of users from legacy systems, reducing the time consumed for business processes by over 50%
Built and exposed REST APIs for services such as IBM Business Process Manager and Oracle SQL databases to provide data to the front-end application
Created UI components to render and visualize complex business logic through dynamic forms, inputs, validations, and tables based on high-fidelity wireframes

Company: Auxetic LLC
Position: Software Engineer
Nov 2017 - Oct 2021
Led the development of products and dashboards that supported internal operations and managed the process status of a 3D printing machine farm
Developed a scalable UI to monitor multiple manufacturing clusters, ensuring production parameter traceability and reporting critical issues in real-time
Built a sales funnel aggregate that scraped customer order information from various platforms, allowing a unified order dashboard to improve sales operations efficiency
Mentored junior software engineers through pair programming and code review

Javascript / Typescript
React / React Native / Expo
HTML5 / CSS3 / WCAG / Responsive Design / D3 / SVG
SCSS / Tailwind / Bootstrap / Nativewind / Semantic UI / Ant Design / Styled Components
MaterialUI / PrizmUI / Atomic Design
Storybook / GoJS
Automated Testing / Jest / Cypress / Mocha / Playwright
State Management / Redux / Context / Jotai / MobX / Tanstack
CICD / Github Actions / CircleCI / TravisCI / Bitbucket
Google Cloud Platform GCP / Firebase

Swagger / GraphQL / RESTful / gRPC

Node / Express / Docker

MongoDB / Postgres / mySQL / Firestore / Realtime Database / noSQL

JIRA / Github / AGILE / Sentry / MixPanel / Webpack

Authentication / OAuth / Cloud Functions / Remote Config / A/B Testing Analytics

SaaS