

Robert Collins

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Skills

React, TypeScript, Next.js, React Native, Node.js, Angular, AngularJS, Java, Groovy, HTML, JavaScript, GraphQL, Tailwind, CSS, SASS, LESS, Bootstrap, Responsive Design, UI/UX Design, Figma, Prototyping, wireframing, requirements gathering, AWS, Git, TDD, MySQL, Scrum, Agile, Jira plugin development, Jira administration, PHP, Wordpress, Python, Express, SQL, NoSQL, MongoDB, Axure, Photoshop, Machine Learning, CI/CD, Jenkins, Certified Scrum Master

Experience

Senior Staff Software Engineer, Evoke AI – San Diego, CA June 2023 – Present

- Architected and developed evoke-ai.com, an aesthetic inference machine learning application utilizing React, React Native, TypeScript, Python, AWS
- Managed project and team of engineers driving towards a successful production deployment from concept through design to deployment in under 6 months
- Developed Shopify application to drive engagement, improving site traffic by 326% month over month as measured by google analytics traffic
- Created and iterated on Figma designs facilitate smoother development cycles with set UI/UX goals
- Implemented Agile development environment with Scrum processes driving results oriented sprint planning and incorporating accountability into our development process speeding up task resolution times across the team and highlighting potential issues earlier in the development process

Senior. Software Engineer, New Relic – Portland, OR March 2022 – June 2023

- Created an in-application communication system with React, TypeScript and Node.js that allows users to recognize issues with data and effectively communicate about those issues with direct context, improving team's reaction time to production issues by up to 900% as reported by time to resolution NRQL queries post launch
- Led the Integration effort of New Relics home grown AI Assistant into the client facing chat application allowing users to directly communicate with NR's AI assistant in a context relevant manner.
- Developed a highly customized user feedback system now used by 400+ NR engineers, facilitating direct feedback on new features and AI responses
- Collaborated closely with product managers taking on project management tasks such as sprint planning, product roadmap planning and market research

Lead Software Engineer, MedImpact – San Diego, CA December 2017 – March 2022

- Managed multi-team effort to move IT support services out of Salesforce and onto the Jira Service Desk platform all within a High Trust (HIPAA compliant) environment ultimately saving MedImpact \$165,000 a year
- Designed and developed React / Angular component library with accompanying style guide driving comprehensive UX Design standards resulting in design consistency across all digital products
- Led 6 teams through the first few months of product development, contributing as a project manager, UI/UX designer and software developer
- Gathered Requirements and translated specs into product designs in Figma and Axure for consumption by development teams

Owner / Lead Engineer, Nue Design Studios – San Diego, CA Oct 2016 – Dec 2017

- Created a software design solutions company specializing in web and mobile application development for small businesses
- Directed the engineering and development of a product suite that increased company revenue by 150% within the first year by strategically identifying market needs in a quantifiable manner
- Negotiated and completed 11 web development contracts with 100% customer satisfaction
- Managed team of 5 employees developing application for the WordPress platform achieving production deployments

18% under budget on average

Senior Software Engineer, Intuit – San Diego, CA

March 2013 – October 2016

- Led front-end development of the Developer Services Portal, which improved efficiency company-wide. Reduced redundant development and saved thousands of engineering hours annually by providing streamlined API access and an intuitive interface
- Managed the move from a homegrown JavaScript framework to Angular 1.x, improving developer efficiency by more than 300%
- Migrated the Developer Services Portal from Angular 1.x to Angular 4+
- Maintained high availability SLA (99.997% uptime) of developer portal production environment
- Contributed to open source development of Swagger software

Software Engineer III, BridgePoint Education – San Diego, CA

May 2010 – March 2013

- Led Rapid development environment serving 72,000 student and staff in the online education space
- Designed and developed online marketing campaigns that improved enrollment by 3-7% year over year
- Architected web components for a set of high traffic, high availability websites with 20,000+ daily users
- Conceptualized and led project to gamify online education by incentivizing students with digital goods directly contributing to a 16% improved student retention year over year

Education

Embry-Riddle Aeronautical University – BS Aerospace Engineering

Apr 2004