KEITH WILLIAMS

SOFTWARE ENGINEER

CONTACT

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646-360-0759

SUMMARY

Passionate Software Developer skilled at technical leadership, mentorship, and communication. Experienced in full project lifecycle from early design to implementation to integration to maintenance. Bringing Smiles to Faces and Functionality to Interfaces for over 15 years!

SKILLS

- Javascript (NodeJs, Angular, React, React Native, Typescript)
- Python
- Ruby
- SalesForce (Apex/VisualForce)
- Postgres/NoSQL
- DevOps
- Agile
- AWS
- GraphQL
- GRPC

EXPERIENCE

SENIOR FULLSTACK ENGINEER LEAD

Particle Health

- Solo developer in the creation of the Health Customer Portal, which allowed users to onboard onto our API platform 90% faster, replacing the existing manual process.
- Worked on the innovative, beautiful GUI experience to call our Query API and export the XML CCDA and FHIR Documents directly in the browser.
- Increased the application's performance of user onboarding and management by 60% by utilizing GRPC APIs in the same trusted infrastructure network
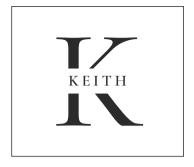
SENIOR FULLSTACK ENGINEER

Petworks

- Database administration and app development of Rails codebase
- Increased company's profit 10x with innovative fee structure
- Decreased blog load time by over 50% by switching from Wordpress to static site generation

SENIOR FULLSTACK ENGINEER

Roofstock

- Worked with a team of talented developers on updating and maintaining the marketplace application written in NextJS and GraphQL
- Created a brand new authentication experience by creating a new integration between the internal custom auth logic and Auth0. Increasing the efficiency of onboarding by 50%.
- Worked on the team that created the foundational application with dynamic content created via the Contentful Content Management System with goal of cutting down web page development time by 80%.

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EXPERIENCE

ENGINEERING MANAGER
Paintzen

- Worked with a team of talented engineers as they transitioned into a fully mature Agile Team
- Directed the creation of an algorithm that utilizes the current paint production and fair market rates to calculate a fair price
- Guided the team toward multiple successful releases of very high-profile applications into production under budget and within the given time frame
- Helped implement inaugural R&D team to focus on new innovative technical solutions for the next generation of the painting services space
- Implemented new infrastructure and programming best practices to modernize the zero downtime delivery of the applications

SENIOR SOFTWARE ENGINEER
2U

- Worked on the next generation online education platform for top-tier universities, with an accessibility first mindset
- Created pipelines to transfer large sets of streaming data on demand from various universities into the internal data warehouse for processing
- Helped create initial architecture and deployment pipeline using modern technologies for new platform while maintaining the legacy infrastructure

TECH LEAD
American Express

- Directed a team of 10 talented web engineers to deliver innovative web applications in the digital acquisitions space
- Decrease the development time of projects by 50%, strengthen the technical stack, and increase conversions by 6% by upgrading to modern Javascript Stack - NodeJS/Angular/React
- Increased mobile acquisitions by 30% by migrating iPad application to React Native
- Built tools to give stakeholders early visibility into features during development to shorten feedback cycle.
- Streamlined deployment process by developing continuous integration tools.
- Evaluated potential software products based on new and existing system development and migration requirements.
- Strengthened developmental methodologies by introducing a code quality documentation, unit and automation testing frameworks, and automated code formatting.