WILLIAM R. JOHNSON
SOFTWARE ENGINEER

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CooCooCaCha

EXPERIENCE

World 50
2018 - Present

Senior Software Engineer
Full-Stack javascript developer on a small team dedicated to rebuilding our company's infrastructure.
- Rebuilt a legacy application on a modern tech stack. The application runs on web, iOS, and Android with the majority of the code shared between all three platforms.
- Helped interview all subsequent developers and bring them up to speed with our tech stack. This included mentoring and pair programming.
- Setup infrastructure on AWS, Google Cloud and CircleCI including databases, servers, and build pipelines.

TSYS
2017 - 2018

Senior Software Engineer
ReactJS and front-end specialist.
- Became responsible for upgrading the dependencies for all of our projects.
- Gave presentations and introduced new React techniques such as Fragments and Render-Props.
- Completely rebuilt the UI for my product.
- Built a dynamically generated page flow system. Pages were generated from data returned from a REST API.
- Regularly contributed to our core React frameworks.
- Mentored and trained junior developers on React.

Koble
2016 - 2017

Co-Founder / Lead Engineer
Design and manage infrastructure on Google Cloud and Firebase. Made all of the software architecture decisions. Wrote all of the code. Responded to outages and server issues.
- Developed a prototype app using React-Native.
- Developed a website using React.
- Setup and maintained infrastructure using Google Cloud
- Built a service to automatically retrieve and update LetsEncrypt certificates for TLS/SSL encryption.
- Wrote an audit-log service that lisented for changes in Firebase and inserted a change summary into Google BigQuery.
- Setup Jenkins for continuous integration with Github.
- Deployed a Kubernetes cluster using Google Container Engine.

Salesloft
2015 - 2016

Full-Stack Software Engineer
Designed, developed, and deployed features for the Salesloft SAAS application. Touched upon everything from database design and migrations to front-end UX design and development.
- Developed a new QA system using Docker. Different versions of our application could be tested simultaneously and on the same server cluster.
- Learned Ruby, Ruby on Rails, and Angular on the job.

EDUCATION

Georgia Institute of Technology
2007 - 2012

SKILLS

Javascript	Typecript	React	React-Native
GraphQL	Rust	NodeJS	SQL
Git	AWS and Google Cloud	HTML	CSS
Functional Programming	Redux	Python	Ruby

OTHER INTERESTS

Running
Cross-Country, Track & Field

Producing Electronic Music
House Music, Drum & Bass, Dubstep

Stock Market and Cryptocurrency
Bitcoin, Ethereum, Algorithmic Trading

Machine Learning
PyTorch