WILLIAM R. JOHNSON

SOFTWARE ENGINEER

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📍 Atlanta, GA

EXPERIENCE

TSYS
2017 - 2018

Senior Software Engineer
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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 maintaned 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.

Nead Werx
2013 - 2015

Software Architect
In charge of researching and developing core software frameworks and coding standards as well as interviewing and training new engineers.
- Developed an interactive visualization tool for retail stores using HTML5, CSS3, and Javascript. Think Google Maps but for retail stores.
- Designed and developed a custom REST API framework in PHP.
- Developed a graph-based API query system (before GraphQL existed).

EDUCATION

Georgia Institute of Technology
2007 - 2012

SKILLS

Javascript	HTML5	CSS3
React	React-Native	Redux
Observables	React-Router	React-Navigation
SQL	Git	Python
Flask	Tensorflow	Keras
PyTorch	Functional Programming	

INTERESTS

RunningCross-Country, Track & Field
Creating Electronic MusicHouse Music, Drum & Bass, Dubstep
Game DevelopmentUnity, Unreal Engine, Game Theory, Game Design

Stock Market and CryptocurrencyBitcoin, Ethereum, Algorithmic Trading
Machine LearningTensorflow, Keras, XGBoost, Scikit-Learn