

William R. Johnson
Software Engineer

Contact

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Location Atlanta, GA

Work Experience

2017 - 2018

Senior Software Engineer at TSYS

2016 - 2017

Co-Founder / Lead Engineer at Koble
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 listened 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.

2015 - 2016

Full-Stack Software Engineer at Salesloft
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.

2013 - 2015

Software Architect at Nead Werx
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