WILLIAM R. JOHNSON
SOFTWARE ENGINEER

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⦿ CooCooCaCha

EXPERIENCE

World 50

2021 - present

Principal Software Engineer

Lead a team of 5 people to build internal analytics and tooling.
- Mentored engineers on my team, performed 1-on-1's, and wrote yearly performance reviews.
- Responsible for architecting, coding, and maintaining core systems used by my team.
- Wrote engineering documentation and started writing architecture decision records (ADRs).
- Advocated for restructing our teams to a product teams-like structure. This was eventually implemented.

2018 - 2021

Senior Software Engineer

Full-Stack javascript developer on a small team dedicated to rebuilding our company's software platform.
- Rebuilt a legacy application on a modern tech stack using React-Native. The application runs on web, iOS, and Android with the majority of the code shared between all three platforms.
- Rebuilt our API using GraphQL. Additionally, we avoid N+1 query problems by using Facebook's Dataloader library.
- Interviewed and onboarded new developers.
- Setup infrastructure on AWS, Google Cloud and CircleCI including databases, servers, and build pipelines.
- Architected prototypes for a new navigation system and a better architecture for web. Both were accepted and implemented.

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 (I left right before hooks were released).
- 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

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. Thist 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 on the same server cluster.
- Learned Ruby, Ruby on Rails, and Angular on the job. Started contributing quickly.

EDUCATION

Georgia Institute of Technology

Bachelor's Degree - Computer Science

2007 - 2012

SKILLS

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