# Reginald Johnson

Full-stack web engineer specializing Node, React, and modern technologies

## CONTACT

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[Website](#) 🌐

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## EDUCATION

M.S. Operational Planning and Strategy

Joint Forces Staff College, National Defense University - Norfolk, VA

August 2015 - June 2016

M.S. Systems Engineering Analysis

Naval Postgraduate School - Monterey, CA

July 2013 - June 2015

B.S. Computer Science

Old Dominion University - Norfolk, VA

September 1995 - June 1999

## SKILLS

HTML, CSS, and JavaScript

React & React Native, Next JS, Vite JS, Expo

Node

Amazon Web Services including Lambda, API Gateway, EC2, IAM, AppSync, etc.

Various other web development tools including TypeScript, git, Prisma, Cesium, etc.

[Platform One](#) DoD Cloud Development Platform

## HOBBIES & INTERESTS

Travel, Live Music, Reading, History, Exercise, and Programming

## WORK EXPERIENCE

**BrainGu - Principal Software Engineer**
November 2020 - Current / Remote

- Responsibilities include scoping & planning features, and leading & contributing to teams' feature development in support of the Software Development Lifecycle. This includes mentoring developers, working with customers, product owners, program managers and others requirements to support delivering features.
- Identified and led the adoption of multiple tools and technologies including React Testing Library, Redux Toolkit, Next JS, and Vite JS resulting in increased developer velocity and performance.
- Contributed to the deployment of multiple features deployed to operational users of [Widow](#) and several other applications.
- Transitioned two applications from legacy Create React App (CRA) 4 to Next JS and one CRA application to Vite JS.
- Contributed to code reuse within the company by managing Gitlab pipeline compliance for applications & JavaScript packages and creating GitHub workflows that made it possible to use custom packages in internal and external applications. Additionally I, automated package deployment to support multiple application deployment environments.
- Led two applications through Platform One certification (CTF) resulting in their continued availability to operation Department of Defense Customers.
- Wrote the [React Rendering for Rapidly Changing UIs](#) & [Sharing Logic Between Components in Different React Renderers](#) articles.

**Trusted QA - Senior Software Engineer**
May 2020 - November 2020 / Newport News, VA

Member of team building a DoD web application that provides a common operational picture to multiple combatant commands using Vue and Java.

**UST Global - Senior Software Engineer**
May 2019 - May 2020 / Norfolk, VA

Led and mentored on-site & off-site teams of full-stack React Native & Node developers creating the [IngenioRx mobile application](#). While there I introduced Jest testing for our Node JS backend and incorporated React Testing Library for front end testing.

**United States Navy - Naval Flight Officer**
May 1999 - May 2019 / Multiple Locations

- June 2015 – August 2019: Joint Operational Planner – Assists multiple operational commands by leading teams in operationalizing organizational strategy by balancing methods and resources to accomplish desired objectives while simultaneously managing risk
- June 2013 – June 2015: Systems Engineering Analyst: Identified problems based on stakeholder needs. Assisted in creating and evaluating requirements, assessing potential solutions, and communicating results.
- November 2010 - June 2013: Naval Aviation Squadron Department Head – responsible for the efficient management of multiple departments. Additional duties included Operations Department Head, Administrative Department Head, and Safety Department Head.

## PUBLISHED LIBRARIES

- [react-native-webview-leaflet](#): a [Leaflet](#) React Native that provides maps for mobile applications.
- [react-native-webview-quilljs](#): a [Quill JS](#) React Native component providing a rich text editor for mobile applications.