

Da'Quan Johnson

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TECHNICAL SKILLS

Languages: JavaScript / TypeScript, Java, Python, Node.js, SQL

Frameworks/Libraries: React.js, Redux, Spring boot, Hibernate (JPA)

Tools: Git, AWS (S3, EC2, Lambda), PostgreSQL, Jest, Playwright, Webpack, Postman

Other: REST, Test-Driven Development (TDD), Object-Oriented Programming (OOP), Linux/Unix, Agile/Scrum

PROFESSIONAL EXPERIENCE

Waterfield Technologies - New York, NY

Software Engineer II, CCaaS Solutions | Dec. 2023 - Present

Delivered comprehensive support and custom solutions for CCaaS Platforms, with a focus on Twilio and AWS, using Node.js, TypeScript, Material UI and React.js

- Created a Knowledge Management Interface to display a client's internal documents retrieved from the Guru API. Included real-time updates triggered by Twilio Client Listeners to show documents relevant to incoming SMS interactions.
- Implemented an employee directory using MUI Table and a client's custom API allowing users to initiate calls or SMS to a given employee by selecting embedded icons.
- Built a real-time notification panel displaying a custom newsfeed, local time, weather and platform metrics.
- Collaborated with cross-functional teams to support go-live events by deploying custom plugins, configuring environments, resolving issues and testing.

Software Engineer, Twilio Solutions | August 2021 - Dec. 2023

Collaborated on design and development of custom solutions for Twilio Flex (Twilio's CCaaS platform), using Node.js, TypeScript, Material UI and React.js

- Refactored the UI to support multiple CRMs by replacing direct HubSpot integration with a custom API, allowing users to fully utilize CRM-based features directly within the agent workspace.
- Worked on implementation of a modular plugin architecture, which enabled independent feature upgrades and deployments, enhancing platform customizations for client specific use cases.
- Partnered with support engineers to resolve high-priority system and user experience issues.

Per Scholas - New York, NY

Instructional Associate, SEI | Dec. 2020 - August 2021

Assisted lead instructor in Per Scholas Software Engineering Immersive Programs

- Supported 30+ students in learning key software engineering topics such as DSA, OOP, and Software Architecture.

TECHNICAL PROJECTS

Close | Full Stack Web App | [Website](#) , [Code](#)

- Created a Social Platform for users to upload photos, connect and interact.
- Built with Typescript, React, Redux, Java, Spring, SQL, PostgreSQL and Amazon S3.
- Uses Docker for containerization and AWS Amplify and Elastic Beanstalk for CI/CD and deployment.

Mask | React App | [Website](#) , [Code](#)

- Created a Data Visualization tool displaying current and historical data on coronavirus globally.
- Built with Javascript, React, React-Chart JS, and React Router.
- Uses GitHub Pages for hosting and deployment.

EDUCATION AND TRAINING

CUNY - New York, NY

Bachelor of Science in Computer Science | May 2027

Per Scholas - New York, NY

Immersive Software Engineering Program | June 2020

- Javascript, React, Java, Spring & Computer Science