Daquan Johnson

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TECHNICAL SKILLS

- Javascript / Typescript
- React, Redux, Jest, Webpack
- HTML5, CSS3, Material UI, Styled Components
- Spring, Java, Python, PostgreSQL, SQL
- REST API, Postman, JWT
- Git, Linux/Unix, Docker, AWS

PROFESSIONAL EXPERIENCE

Waterfield Technologies - New York, NY

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

Deliver comprehensive support and custom solutions for CPaaS Platforms, with a focus on Twilio and AWS, using Node.js, TypeScript, MaterialUI and React

- Created a Knowledge Management Interface displaying internal documents with contextual display triggered by inbound SMS, leading to a 10% increase of client seats.
- Leveraged MUI Table to build a directory displaying user data with embedded call and SMS functionalities.
- Built a real-time notification panel displaying a custom newsfeed, local time, weather and platform metrics.
- Led client go-live deployments by managing environment configs in AWS, resolving issues and testing.
- Partnered with support engineers through a ticketing system and direct communication, resolving high-priority system and user experience issues, cutting resolution times by 40%.

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

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

- Worked on a backend abstraction layer to enable a CRM-agnostic UI that drove client growth from 1 to 32.
- Implemented a modular plugin architecture, enabling independent feature upgrades and deployments, enhancing scalability and platform customizations for client specific use cases.
- Collaborated with senior engineers and product management following best practices for the full software development life cycle, including coding standards, code reviews, source control management, build processes, testing, and operations.

Per Scholas - New York, NY

Instructional Associate, SEI | Dec. 2020 - August 2021

Assisted lead instructor in Per Scholas Software Engineering Immersive Programs

- Implemented pair programming and debugging concepts enhancing student engagement and efficiency.
- Held office hours to guide students through course concepts and assignments.

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, PostgreSQL and Amazon S3.
- Uses Docker, AWS Amplify and Elastic Beanstalk for containerization and CI/CD.

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 CI/CD.

EDUCATION AND TRAINING

Per Scholas - New York, NY

Immersive Software Engineering Program | June 2020
- Javascript, React, Java, Spring & Computer Science

Dowling College - Oakdale, NY

Bachelor of Arts, Business Administration | (In-Progress)