

# Cesar Martinez

Software Engineer

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## Technical Proficiencies

<b>Programming Languages</b>	JavaScript, React, SQL, NoSQL, MySQL, HTML5, CSS, TypeScript
<b>Tools &amp; Technologies</b>	Node.js, MongoDB, React.js, Redux.js, Representational State Transfer (REST), JSON Web Token (JWT, OAuth), Git, Docker, Jest, Cascading Style Sheets (CSS), Express.js, Redis, TypeScript, Enzyme, Redis, Flyway, CD/CI pipeline, jQuery, MUI, Twitter Bootstrap, Bootstrap, PostgreSQL
<b>Systems &amp; Platforms</b>	Microservice, AWS CDK, AWS Lambda, AWS Chime, AWS ECS, AWS Cloudformation, AWS S3

## Professional Experience

### Bravado Health, Remote, USA, February 2022-Present

Full Stack Engineer

Tools & Technologies: React.js, Node.js, TypeScript, PostgreSQL, DynamoDB, Redis, Jest, Postman, Docker, Flyway

Developed a node.js based application. Maintained high code quality through various testing methods such as unit and integration tests. Conduct software analysis, programming, testing, and debugging, preparing high scalable and performant service components within microservice architecture.

- Developed a dynamic user interface using React.js
- Used node.js to create a robust backend server
- Created scalable user notification functionality using AWS Lambda
- Implemented app localization functionality using I18Next and a CDN to deliver the app in multiple languages
- Created a new messaging service between patients and case managers using AWS Chime and AWS Lambda Handlers
- Conducted database migration scripts executed by Flyway against a Postgres database to add tables and modify existing data schemes in order to support new development features.
- Used best practices when writing code and opening pull requests. Maintained and refactored code to improve app performance.

### Polk County School Board, Polk County FL, USA, August 2020 – February 2022

Middle School Math Teacher

Mastered high level mathematical concepts and created a curriculum that is easy to digest and instruct to students so that they are successful in the end of year exams

- Led over 100 students from below grade level mathematical performance to grade level equivalency in mathematical performance.
- Designed and implemented performance improvements plans with student first mentality to ensure success.
- Responsible for creating an environment of success where key performance indicators were being met on a quarterly basis.

## **Education & Credentials**

**Certificate in Full Stack Web Development,**  
University of Central Florida, 2022

**Bachelor of Science, Marketing**  
University of South Florida, Tampa, FL, 2020