

MICHAEL NEGRON

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PROFESSIONAL SUMMARY

I'm a Full Stack Software Engineer who builds scalable solutions that enhance performance and user experience. Beyond coding, I collaborate with cross-functional teams—particularly in sales—to develop proof-of-concept demos that drive business growth. I focus on aligning technology with business goals, whether developing new products or optimizing existing systems, to create lasting impact.

PROFESSIONAL EXPERIENCE

Curve Heath

Jersey City, NJ | 12/2022 – 04/2024

Full Stack Software Engineer

- Engineered a custom Java API based on OpenTok for real-time call quality monitoring across mobile and web platforms, significantly decreasing user-reported complaints
- Conducted performance optimizations using Google Lighthouse and Firefox Profiler, streamlining build processes by eliminating redundant dependencies improving platform speed by 45%
- Implemented a feature-flag system in Ruby on Rails utilizing the flipper gem, facilitating continuous code deployment, while minimizing live system disruptions and improving feature delivery
- Developed and integrated legacy React components into Storybook, creating a reusable library that enhanced UI consistency and accelerated project development
- Revamped frontend routing systems to enforce role-based access controls, preventing unauthorized access and tailoring user experiences by role

Technologies: Cypress, Cucumber, GitLabs, Java, React, Ruby on Rails, Storybook, Google Lighthouse, GraphQL, Jest, React Native, Metro, Redux, Rspec, Asana, Sentry, SQL, Bootstrap, Docker

Lumos

Remote, NJ | 01/2022 – 11/2022

Software Engineer

- Designed an open-source AWS Lambda monitoring tool that allows users to visualize key metrics in a user-friendly interface
- Utilized Chart.js to build dashboards delivering real-time updates on user-defined performance metrics, simplifying data analysis
- Streamlined product deployment using AWS Amplify, enhancing CI/CD workflows and easing future feature integrations
- Migrated a PostgreSQL database to Amazon RDS, improving storage scalability and performance monitoring via Amazon CloudWatch
- Built an Express server in compliance with middleware design patterns to enhance data flow between the UI, database, and API calls

Technologies: AWS Lambda, AWS IAM, AWS Amplify, Amazon RDS, PostgreSQL, Chart.js, React, React Router, Node.js, Express, Axios, Webpack, JWT, BCrypt, Jira, Material-Ui, MongoDB

StartGroup, LLC.

New York, NY | 01/2014 – 12/2021

Assistant Director of Audio

- Provided technical pre-sales support, translating client needs into scalable solutions
- Developed and maintained an internal database to track project logistics, ensuring seamless execution and alignment with client needs.

EDUCATION

Codesmith Software Engineering Immersive | NYC, NY | 2022

CUNY College of Staten Island | Staten Island, NY | 2007 - 2010