

# Sagar Vadalia

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## SUMMARY

Experienced Full Stack developer with a Computer Science Bachelor's degree from SUNY Old Westbury. Passion for learning new technologies and designing user interfaces. Looking for an organization that works with modern technologies to create innovative solutions.

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## SKILLS

**Languages:** JavaScript, Typescript, HTML5, CSS, Java, Python, C++

**Front End Frameworks:** React, React-Redux, Angular, Flexbox, Axios, React-Hooks, Material UI, Semantic UI

**Back End:** Postgres, Express, GraphQL, Apollo, Sequelize, Node, Firebase, Flask, Django, Jupyter

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## EXPERIENCE

### Software Engineer

#### Zebra Technologies

December 2020 - Present, Holtsville, NY

- Developed a Full Stack website for Zebra's test automation engineers to display, analyze, and categorize device testing data.
- Applied React, Express, and PostgreSQL to create a scalable, responsive, and performant solution.
- Decreased load time when compared to the previous tool by over 90%.
- Maintained the device farm of 40 test beds and 400 devices by updating test devices, running robot test files, and running weekly stability tests and build upgrades.

### Full Stack Development Intern

#### Zebra Technologies

June 2020 - September 2020, Holtsville, NY

- Built a Full Stack website to display and analyze automated test data for Zebra Technology's various clients.
- Used Python and Flask to gather the automated test data from a CLM Analyzer.
- Analyzed the test results using machine learning and graphed/modeled that information.
- Developed an intuitive, modern Single Page Application implemented in React.js.

### Full Stack Developer

#### Logos

October 2019 - April 2020, Remote

- Designed and implemented full stack solutions for the Logos website (Logosnews.tech).
- Completed features such as sharing and reporting articles, endorsing and subscribing to users, displaying user profiles, suggested users, etc.
- Operated within an agile team structure and used Angular and Firebase as a tech stack.
- Led coding forum on best practices and guidelines in my team.

### Full Stack Intern

#### Yorango

June 2016 - August 2016, Ithaca, NY

- Redesigned and optimized the Yorango website.
- Refactored front end pages by integrating React and React-Redux.
- Reduced loading time of optimized web-pages by approximately 70%.
- Designed full stack solutions for login and signup, apartment listings, and apartment detail pages.

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## PROJECTS

### Snipt

FullstackAcademy · August 2019

- Created a tool for online learning primarily using GraphQL and React. Designed and developed a Chrome extension and website.
- Demoeed the application at [https://www.linkedin.com/posts/sagarvadalia\\_snipt-demo-activity-6570673953075941376-72JB](https://www.linkedin.com/posts/sagarvadalia_snipt-demo-activity-6570673953075941376-72JB).

### SuperLike

FullstackAcademy · July 2019

- Designed and developed a basic eCommerce site for selling user profiles.
- Integrated React, Node, Express, PostgreSQL, and Material UI and used agile team management.
- CI/CD via Heroku here: <https://superduperlike.herokuapp.com/home>.

### Data Science Hackathon at Cornell Tech

Cornell University · March 2015

- Designed, implemented, and presented a virtual world built in Unity and populated with Wikipedia topics.
- Users interacted with the world via hand tracking using the Microsoft Kinect.
- Personally created the hand tracking algorithm and integrated the OpenKinect library.
- Won the analysis award for the most technically impressive and original project.

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## EDUCATION

### Bachelors of Science in Computer Science

Suny Old Westbury · Old Westbury, NY · 2020 · 3.80

### FullstackAcademy Immersive Cohort Graduate

New York, NY · 2019