

Likhit Vyas Yarramsetti

Full Stack Software Engineer

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EDUCATION

Arizona State University

B.S., Computer Science

GPA: 3.83

Tempe, AZ

Aug 2020 - May 2024

Favorite Courses: Data Structures & Algorithms, Theoretical Computer Science, Probability & Statistics

EXPERIENCE

React TypeScript Intern @ IQM Corporation

New York, NY | May 2022 - Aug 2022

- Wrote modern, performant code in React, TypeScript, and SASS for all of the main projects. Worked with deployment technologies like Jenkins.
- Learned how to effectively work in an agile environment using Git, Jira, BitBucket, & Confluence.
- Developed new features and performed numerous bug fixes that improved clients' user experience.
- Worked on a complete overhaul of the main website (iqm.com), which allowed the company to generate more clients.

SKILLS

Programming Languages	JavaScript, TypeScript, HTML/CSS, Python, C++, Java, C, C#, SQL
Libraries/Frameworks	Node.js, React.js, Next.js, Express.js, Flask, SASS, Bootstrap, Jest, Cypress
Tools/Platforms	Heroku, Git, GitHub, BitBucket, Jira
Databases	MongoDB, PostgreSQL
Operating Systems	Unix/Linux, Windows

PROJECTS

(See more at vyas.app/projects)

My Website (vyas.app)

- A portfolio website all about me and my projects, built using **React.js**, **Next.js 12** & **SASS**.
- Deployed using **Vercel**. A showcase of my skill with CSS, design, and animation.

ASU Course Tracker (vyas.app/projects/asu-course-tracker)

- A system that students at ASU can use to track the number of seats available for any course.
- Server built with the MVC approach using **Node.js**, **Express.js**, and **MongoDB**.
- Authentication was built using **JSON Web Tokens**.
- Text messaging to student users was done using the **Twilio API**.

Pizza Shop Order Management System (vyas.app/projects/pizza-shop)

- An ordering and order management system for a fake pizza restaurant titled "SunDevil Pizza".
- Customers can make and track the status of orders, and employees of the restaurant (order processing agents and the chefs) can process the orders.
- Server was built using **Node.js**, **Express.js**, **MongoDB** utilizing **JSON Web Tokens** for authentication.
- End-to-end testing was performed using **Cypress**.

Twitch Chat Stream Analyzer (vyas.app/projects/twitch-chat-analyzer)

- A chrome extension that analyzes the positivity of the chat of a twitch stream and displays the percentage positivity of the chat, with 50% meaning a neutral positivity.
- Can be a helpful tool for twitch stream moderators to see if the chat stream is being negative or positive.
- The client sends the chat stream to the server, with all of the sentiment analysis being done on the server side. The server then sends back the computed positivity to the client. This real-time client/server communication was done using **Socket.io**.
- Server was built using the **Python** library **Flask**. Chat analysis was done utilizing **NLTK** and **Numpy**.