Likhit Vyas Yarramsetti

Full Stack Software Engineer

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EDUCATION

Arizona State University   Tempe, AZ

M.S., Artificial Intelligence   Aug 2023 - May 2025

B.S., Computer Science   Aug 2020 - May 2024

GPA: 3.83

Coursework: Data Structures & Algorithms, Database Management, Probability & Statistics, Machine Learning

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EXPERIENCE

Software Engineer Intern @ IQM Corporation   New York, NY │ May 2022 - Aug 2022

- Wrote clean, modern, performant code in TypeScript, React, and SASS for the company's main project: a suite of ad campaign management web apps.
- Gained exposure to working in an agile scrum environment using Jira, Git, BitBucket, and Jenkins.
- Developed numerous new features and bug fixes that drastically improved clients' user experience.
- Worked on a complete overhaul of the main website (iqm.com) utilizing Remix.js and Bootstrap.

PROJECTS   (See more at vyas.app/projects)

Twitch Chat Analyzer (HackSC Hackathon Project) (vyas.app/projects/twitch-chat-analyzer)

- A chrome extension helpful for Twitch moderators when managing a stream.
- Analyzes the chat of a Twitch live stream and displays the percentage positivity of the chat.
- The **JavaScript** client sends the chat stream to the **Python** (**Flask**) backend in real time using **Socket.io**.
- The backend analyzes the stream and performs natural language processing using **NLTK**.
- The computed percent positivity of the chat is reported back to the client, displayed by the Chrome extension.

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

- A web app that students can use to track the number of seats available for any course at Arizona State University and have a text message sent to them whenever said number changes.
- Server built with the MVC approach using **Node.js**, **Express.js**, and **MongoDB**.
- Authentication is done 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 tracking/management system for a fictional pizza restaurant "SunDevil Pizza".
- Customers can make and track the status of orders, and employees of the restaurant (order processing agents and chefs) can process the orders.
- Server built with the MVC approach using **Node.js**, **Express.js**, and **MongoDB** utilizing **JWTs** for authentication.
- End-to-end testing was performed using **Cypress**. Deployed using **Heroku** and **MongoDB Atlas**.

PhotoShare (vyas.app/projects/photoshare)

- A photo-sharing web application where users can create albums, photos, tags, likes, and comments for photos.
- I served as the de facto leader of the development effort, managing the development using **Jira**, **Git**, and **GitHub,** and made sure all four team members learned and followed the best practices of how to collaborate using these tools.
- Frontend was designed using **Figma** and built using **React.js**, **React Router**, and custom **CSS**.
- Backend API was built using **Flask** and **PostgreSQL**, with authentication done using **JWTs**.
- User photos are stored using **AWS S3**.

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	Git, GitHub, BitBucket, Jira, Microsoft Office
Databases	MongoDB, PostgreSQL
Operating Systems	Unix/Linux