

# SUFYAN CHAUDHRY

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## SUMMARY

I am Sufyan Chaudhry, a new Computer Science Graduate and an aspiring Software Engineer. I have worked on a variety of projects in both individual and group settings. I have been working with programming languages for the last three years and look forward to gaining more experience.

## EDUCATION

<b>Bachelor of Science in Computer Science</b> Lewis University, Romeoville, IL	May 2024
<b>Python Language Proficiency Certification</b> College of DuPage, Glen Ellyn, IL	August 2022
<b>Certificate in Java Language</b> College of DuPage, Glen Ellyn, IL	May 2023
<b>AWS Certified Cloud Practitioner</b> Amazon Web Services (AWS)	February 2024

## SKILLS

### LANGUAGES:

Python | Java | SQL  
JavaScript | HTML | MUI  
CSS | Linux | C++

### APPLICATIONS:

Microsoft Office (Access, Word, Excel)  
AWS | GitHub | Visual Studio Code  
Firebase | Flask | React | Next.js

## PROJECTS

<https://github.com/sufyan360>

### Pantry Manager (Personal Project)

- Developed a dynamic web application using **NEXT.JS** and **REACT** to enable users to search, add, remove, and view items stored in a Firebase database. The project features a user-friendly interface designed with **Material-UI (MUI)** and leverages **Google Analytics** for tracking user interactions. The application is deployed on **Vercel** for seamless performance and scalability.

### Bite Finder (Personal Project)

- Engineered a web application using **Python**, **Google Maps API**, **Google Places API**, **HTML**, **CSS**, **JavaScript**, and **Flask** framework. This application utilizes the user's location to recommend nearby restaurants based on selected cuisines. Users can view a list of restaurants and see their locations with respect to the entered location on an interactive map. Clicking on restaurant names or map markers provides detailed location information.

### Get2Helping (Group)

- Collaborated on a web application designed to connect users with community resources, such as volunteering opportunities, animal shelters, and recycling centers, based on their location. The project was built using **Flask**, **Python**, **HTML**, **CSS**, and **JavaScript**, and provides users with directions and essential information (website, phone number) for each facility. This initiative aimed to empower community members to make positive contributions by simplifying the process of finding local resources.

### **Weighted Graph (Class Project)**

- There are about 6 separate files for this **Java** program. A general Graph file, an Unweighted Graph file, a WeightedGraph file, an Edge file, a WeightedEdge file, and a demo file which is the one that actually displays information and serves as the main file. The demo file uses **JavaFX** to display the WeightedGraphs as GUIs. There are three different graphs you can select. Once selected the GUI shows the graph, the number of edges, it allows you to enter two points and get the shortest path between them. It then shows the minimum spanning tree and the total weight of the graph.

### **WORK EXPERIENCE**

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#### **Headstarter AI**

July 22nd – September 8 2024

Software Engineering Fellow

- Selected for a competitive seven-week fellowship program
- Completed weekly projects and applications using diverse technologies and skills
  - Different languages, frameworks, APIs, and Artificial Intelligence
- Participated in weekly technical interviews to assess and enhance knowledge and proficiency
- Attended daily learning sessions with various professionals to expand expertise and stay current with industry trends

#### **Air Care Heating and Cooling Company, Chicago, IL**

May 2019 – May 2024

Assistant Manager

- Addressing unpaid invoices and collaborating with clients to devise a payment plan
- Learning hands-on skills to assist in the installation and removal of units
- Collaborating with others in roles of management to improve employee salaries and benefits
- Digitalizing invoices and establishing a presence online improving productivity and efficiency
- Mediated between employees to balance work schedules and inter-compatibility to determine work partners