

# Amaan Chaudhry

📍 Houston, Texas    ✉ amaanchau7@gmail.com    ☎ (281) 235-5003  
🌐 [www.linkedin.com/in/amaan-chaudhry](https://www.linkedin.com/in/amaan-chaudhry)

## EDUCATION

### Texas A&M University, College Station, TX

Aug 2021 – May 2025

- Computer Engineering, Minor in Mathematics, 4.0 GPA

## SKILLS

- Python, Java, C++, React.js, HTML/CSS/JavaScript, CSS tailwind, Pandas, Matplotlib, NumPy
- Git/GitHub, Amazon Web Services, Microsoft Office, CAD, Circuit Design, 3D Printing, Robotics

## EXPERIENCE

### Sling Health – Project Member

Aug. 2022 – Present

- Software developer on a project with a team of students as a part of a research incubator at Sling Health
- Conducting customer discovery interviews discussing with various medical and public health professionals in the field
- Creating business model canvas, pitch canvas, and other analytical models to present project to potential investors

### Aggie Coding Club – Project Member

Sep. 2021 – Present

- Utilizing React.js as front-end developer for Aggiebus.ai which displays predicted bus stop times and capacity using ML (Present)
- Participated in a project called VisionScan that taught me the basics of OpenCV (computer vision software) (2021)
- Attended workshops to learn the characteristics of the computer science industry

### Texas A&M Muslim Student Association – Officer Intern

Aug 2021 – Present

- Assist social officer in event planning and logistics.
- Volunteer at the Islamic Community of Bryan College Station and participate in Project Downtown (provide essential services to the homeless and underserved population)
- Present Islam to Muslims and non-Muslims and promote good relations and understanding between them

## PROJECTS

### Group Fly Full Stack Application

Oct. 2022 – Present

- Creating a full stack application to centralize flight booking and planning process for groups
- Web scraped flight ticket data from Amadeus flight offer API
- Developed front end using HTML and CSS tailwind
- Will Utilize OAuth API for a seamless authentication experience
- Will develop the backend using JavaScript and Firebase
- Will deploy the application to the internet using AWS EC2, S3, and Route53

### Stock Predictor Web Application

Sep. 2022 – Sep. 2022

- Utilized a Long Short Term Memory Network (LSTM) for building a model to predict the stock prices of any input stock
- Web scraped stock data from yahoo finance and processed/filtered data using Pandas and NumPy
- Created graphs and visualized data using Matplotlib
- Created an interactive python streamlit web application which I used to display my model and findings
- Deployed stream lit application to the internet using AWS EC2, S3, and Route53

### Portfolio Website

Aug. 2022 – Sep. 2022

- Created and hosted a personal website containing information about my projects, experience, and organizations
- Developed website using React.js, HTML, CSS, JavaScript, and Git
- Hosted secure website with registered domain name using AWS S3, Route 53, and CloudFront

## LICENSES & CERTIFICATIONS

- **AWS Certified Cloud Practitioner** | Amazon Web Services (AWS) | Aug '22
- **Software Engineering Virtual Experience Participant** | JPMorgan Chase & Co | June '22

## LANGUAGES

- **Languages:** Native English, Intermediate Bangla and Urdu, Elementary Arabic and Spanish