Pavan Motupalli

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Education

Texas A&M University, College Station, Texas   *Expected May 2023*
Bachelor of Science in Computer Science   Cumulative GPA: **4.0**

Skills

Java, C++, Python, React, JavaScript, SQL Server, Linux, NodeJS, Git, MongoDB, Express

Technical Experience

Amazon, Austin, Texas   May 2022 – August 2022
Software Development Engineering Intern

- Designed and implemented interactive Fintech component using **ReactJs** and **Java** to benefit over **200,000 small businesses**
- Created **UI and Integration tests** to be used in pipeline to ensure automated testing during deployment
- Architected internal customer testing service by leveraging internal APIs to save **thousands of hours** of testing and **minimizing miscommunication** between different teams at Amazon

Deloitte Consulting, Houston, Texas
Solutions Engineering Intern   June 2021 - August 2021

- Developed efficient back-end data encryption process in **Python** with **Pandas** and **NumPy** libraries expected to benefit **42 million users**
- Created a **Thick-Client GUI** application made with **Tkinter** using extreme programming methodology
- Leveraged communication skills to provide **consulting** on issues like **feasibility** and **functionality**

PetroEd, Houston, Texas   June 2018 – August 2018
Programming/Business Process Intern

- Developed applications in **HTML and JavaScript** with a team of interns under a SCRUM framework to design a proposal generator
- Connected a web application to **a PostgreSQL database** to produce an interactive district map showcasing company revenue in various districts in Texas

Leadership

Student Engineers' Council (SEC)   November 2021 - Present
Systems Administration Chair

- Responsible for all electronic and digital services for the council, representing the engineering population of over **20,000 students** by working across a multitude of programming languages and frameworks, including several static sites developed with **MERN Stack**
- Improved project management skills by leading a **14-person committee** and overseeing multiple software projects with **Agile Methodology** throughout the course of the semester
- Acted as technical lead for the Engineering Career Fair, utilizing **SQL and JavaScript** to help run the largest student-run Career Fair in the country, attended by over **10,000 students** and **450 companies**

Asian President's Council (APC)   April 2020 – April 2021
Secretary

- Oversaw over **20 Asian cultural organizations** on campus and pushing for more united collaboration from all constituent organizations
- Initiated *RepresentAsian*, a program aimed to increase the Asian representation in student government, leading to the **most diverse Student Senate** in Texas A&M history

Projects

Food Frenzy- A gamified experience of deciding where to eat!   May 2021
Scrum Master/Backend Developer   https://foodfrenzy.herokuapp.com/

- Led a team of 5 members to create a **MERN stack** web application by organizing weekly meetings and creating a **sprint backlog**
- Programmed in **NodeJs** and utilized APIs such as **Documenu** and **Yelp Fusion** to develop a functional backend