TANAV KUDUPUDI

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EDUCATION

B.S., Software Engineering, San Jose State University, Overall GPA: 3.7 / 4.0, Major GPA: 3.9 / 4.0, December 2021
Achievements: President Scholar, Deans Scholar

PROFESSIONAL EXPERIENCE

Amazon | System Development Engineer Intern | Seattle, WA **[May 2021 – August 2021]**

The Opportunities Club | Front-End Developer Extern | San Jose, CA **[May 2020 – August 2020]**
Javascript, Python, SQL, HTML, CSS

- Worked alongside a team of 30 undergraduates under Dr. Younghee Park and Venkat Pullela to develop a farm supply chain.
- Built a user interface design using React.js, HTML, and CSS for account creation and authentication.
- Developed a NoSQL database using MongoDB to store user and product information.

Spartan Hyperloop | Controls and Communications Engineer | San Jose, CA **[September 2018 – June 2020]**
Python, Java, SQL, HTML, CSS

- Led in devising master schematics for pod navigation mechanism through developing data flow diagrams.
- Helped with choosing MCU and sensors for the pod and helped with building software API for pod navigation.
- Constructed an off-pod laptop user interface using Python to analyze data for the team instead of SpaceX.

SIDE PROJECTS

Grass | SJSU **[January 2021 – December 2021]**
Python, React JS, SQL, Figma

- A grocery assistant platform that manages every aspect of user's grocery experience.
- The app manages ordering, cooking, managing inventory, and disposing/food sharing. The inventory is managed using machine learning.

TextED | SJSU **[August 2020 – December 2020]**
Python, SQL, HTML, CSS

- An educational web application platform for students to interact and meet with other students that are in similar classes as them.
- Decided to make this application during the COVID-19 because virtual learning is preventing students from meeting their peers, make new friends, and collaborate with others for projects/assignments.

LifeSmart | SJSU **[August 2020 – December 2020]**
Java, JavaFX

- The aim is to build a desktop application that serves as a health log that tracks aspects of diet, fitness, and other health related measures.
- The software requires the user to input their health and personal information into the application which will be stored locally due to privacy concerns. The application will return a curated dietary and fitness plan. Users also have the functionality to create custom plans to fit their needs.

Portfolio Website **[January 2020 – August 2020]**
HTML, CSS, JavaScript

- A person website made to portray my experience and skills to world in hoped of sharing my knowledge.

Scheduling App | SJSU **[January 2020 – May 2020]**
Python, SQL, HTML, CSS

- Created a scheduling app with a group assigned to me by our professor with a hard deadline.
- Used Python to develop code for the app, Flask for web framework coded using Python, and HTML to display app in a local web host.

ORGANIZATIONS

Tau Beta Pi | SJSU **[August 2020 – Present]**

- A national engineering honors society representing the entire engineering profession. To qualify scholastically, the candidate must be amongst the top 1/8 of the class.
- I have become a candidate and was initiated for this society in Fall 2020.

Software Computer Engineering Club | SJSU **[August 2018 – January 2019]**

- An on-campus organization dedicated to get together an organization of students pursuing a degree in Software and Computer Engineering with similar interests.

ADDITIONAL INFORMATION

Certifications: UI Path RPA, AWS Solutions Architect, Oracle SQL

Skills: Java (4 years), Git (4 years), Python (3 years), SQL (3 years), Linux (3 years), HTML (2 years), CSS (2 years), C++ (1 year), Swift (6 months), PHP (4 months), C (4 months), Assembly (4 months)