

MUPPANENI SRINIKETH

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EDUCATION :

Vellore Institute Of Technology (Vellore)

B.Tech in **Information Technology(IT)**

2018 – 2022

CGPA: 8.73/10.0

LANGUAGES & SKILLS:

Data Structures and Algorithms, Data Science, Software Engineering, Cybersecurity, Web Application Security, and Web Development

Programming Languages: Python, R, Bash, Java, HTML/CSS, JavaScript, SQL

Machine Learning: NumPy, NLTK, Matplotlib, SciPy, Scikit-learn, Pandas, OpenCV, PyTorch, Tensor flow, Keras

Tools: Microsoft Excel, VS Code, Eclipse, Jupyter Notebook, Burp Suite, Figma

Technologies/Frameworks: Linux, React, Git

EXPERIENCE:

Samsung Electronics: Software Engineer | Noida | July 2022 - Current

- Currently, leading the R&D division of the camera system team in Noida.
- Developed various commercialisation solutions like 4DX in mobiles and AI Powered video codecs.
- Implemented python based automation scripts for automating camera ram testing process.

Samsung Electronics: Research and Development Intern | Noida | Jan 2022 - June 2022

- Developed an AI Based solution for low bandwidth video calling using AI Powered video codec.
- Worked and researched on various video codecs.

AppShark: Software Engineer Intern | Hyderabad | May 2021 - August 2021

- Implemented python based automation solutions for the Risk Management team; which improved the efficiency of the auditing, reporting, and dashboard processes.
- Reduced many hours of manual effort by deploying an automation.
- Designed and implemented a python automation script that sends birthday wishes to employees on behalf of the company automatically.

JPMorgan Chase & Co.: SWE Virtual Intern | Remote | April 2020 - May 2020

- Developed a chart feature for the trader's dashboard allowing the trader to better identify under/over-valued stocks.
- Executed a live graph that displays the data feed in a clear and visually appealing way for traders to monitor their trading strategy using JPMorgan Chase's Perspective framework.
- Gained hands-on experience on using Git, TypeScript, Python and JPMorgan Chase's Perspective data visualization software.

House Of Babas (Humourbaba): Web Development Intern | Remote | May 2019 - August 2019

- Designed and developed a robust e-commerce web portal using MERN Stack Framework.
- Worked on designing and developing attractive Front-end pages.
- Transitioned the entire data from SQL database(MySQL) to NoSQL database(MongoDB).

PUBLICATIONS AND PATENTS:

- Filed a patent on behalf of Samsung in India(Application No : [202211072053](#)) and in process of filing in the US.
- Sai Sharan, M Sriniketh, Harsha Vardhan, Dannana Jayanth, "State-Of-Art Machine Learning Techniques to Predict Airlines Delay". IEEE 2021 International Conference on On Forensics, Analytics, Big Data, Security (FABS – 2021), Dec. 21-22, 2021, Bengaluru, INDIA.([Paper Link](#))

PERSONAL PROJECTS:

- video synchronization Web App (**React**)
- Business meeting summary generation using NLP (**Python**)
- Lung Cancer Prediction(**Python**)
- Meme Generator (**React**)

ACCOMPLISHMENTS/AWARDS:

- Awarded Hall of fame in US Department of Defense, Adobe, IBM, Trip Advisor, Acronis, OWOX Inc., Courier, Stripo Inc Codechef.
- Ranked 80 WorldWide in US Department of Defense Hall of fame.

