SAMVIT SWAMINATHAN

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EDUCATION

The University of Texas at Dallas, Richardson, TX   Graduating May 2025
Master of Science, Business Analytics

Vellore Institute of Technology, Vellore, India   May 2023
Bachelor of Technology, Computer Science and Engineering   *GPA: 3.53*

SKILLS & CERTIFICATIONS

Certifications: AWS Introduction to ML Services, Coursera ML With Python (IBM), Udemy Statistics for DS and Business Analysis
Programming Tools: Python, SQL, Java Spring Boot, Docker, Kubernetes, Linux, Go Lang, R, HTML, CSS, PHP
Software: MsSQL, Workbench, Anaconda, Postman, R, Jupyter, Pandas, Matplotlib

WORK EXPERIENCE

Addverb Technologies Private Limited, Noida, India   Jan 2023 – Jun 2023
Software Engineering and Data Science Intern
● Created a virtual GTP (Goods to Person) station which analyzed data of over 1.3 million rows to provide details of orders/lines per day and other fields and generated pick list which increased throughput by 60%
● Collaborated to automate notifications to relevant MS Teams channels on GitLab commits using webhooks deployed in Kubernetes pods which reduced manual labor by 30%
● Developed a robust solution for in-house voting and rewards, utilizing Java Spring Boot facilitating seamless voting for 800+ employees and streamlined process with 96% accuracy.

Sunera Technologies Private Limited, Hyderabad, India   Nov 2020 – Mar 2021
Software Design Intern
● Collaborated with the Design team and worked on designing an in-house application using Figma which increased employee engagement by 40% and utilized UX theories to decrease click rate by 25%

ACADEMIC PROJECTS

Offensive Text Recognition Using Deep Learning Techniques and Transformers   May 2023
● Implemented sentiment analysis using Python, Jupyter Notebook and Hugging Face transformers, and neural networks with an accuracy of 96%

Human Expression Prediction and Data Visualization   Jan 2022
● Analyzed image data to predict human expressions using TensorFlow and generated dashboards using Plotly to create informative subplots with an accuracy of 95%

ORGANIZATIONS

International Design Association, Vellore Institute of Technology   Jul 2021 – Apr 2023
Society of Industrial and Applied Mathematics, Vellore Institute of Technology   Sep 2019 – Dec 2021
AIESEC, Vellore Institute of Technology   Oct 2019 – May 2020

ADDITIONAL INFORMATION

*Languages***:** English, Hindi, Tamil, Telugu
*Eligibility***:** Eligible to work in the U.S. for internships and for full-time employment for up to 36 months without sponsorship