**SAMVIT SWAMINATHAN**

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**EDUCATION**

**The University of Texas at Dallas,** Richardson, TX Graduating May 2025

*Master of Science, Business Analyti**cs*

**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