

SRIKAR SISTLA

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Education

University of Maryland at Baltimore County

Master of Science in Information System

Sep 2023 – May 2025

Baltimore County, Maryland

SCSVMV University

Bachelor of Engineering in Computer Science

Aug 2019 – June 2023

Kanchipuram, Tamil Nadu, India

Experience

TANTVSTUDIOS

Software Engineer Intern

Nov 2024 – Present

Washington DC, DC

- Developed and optimized the SYNDEX AI platform using Next.js and React.js, improving UI/UX performance.
- Integrated REST APIs for dynamic content, boosting interactivity and engagement.
- Optimized SEO and page load time, improving performance by 30%.
- Explored ways to visualize and send a daily report of test results to team members using HTML, Javascript, and CSS.

Valhalla Data Systems

Front End Developer Intern

Oct 2024 – Nov 2024

Clarksburg, MD

- Designed and launched a Full Stack education website "Olademy," enhancing Maryland High School education access. And enabling free education from top-tier universities.
- Revamped design tools and processes, leading to an 80% increase in annual revenue.
- Utilized PHP, HTML, CSS, and Linux OS for seamless integration and development.

Santa's Knight

IT Project Manager

Aug 2024 – Oct 2024

New York City, NY

- Led the project "Equisym" by applying business operation principles for a successful launch.
- Managed cross-functional teams, reducing project delays by 25% through improved collaboration.
- Used Power BI and Excel to create business intelligence reports for growth analysis.

Expand AI

Data Analyst Intern

Sept 2021 – Feb 2022

Bengaluru, KT, India

- Optimized product recommendations using machine learning, increasing average order value by 20%.
- Maintained an efficient ML pipeline using data integration, API Integration, improved project's efficiency to 70%
- Developed a data visualization web application, improving customer service analytics.
- Mentored junior engineers on Agile methodologies, ensuring project completion on time.

Projects And Publications

Prediction of Diabetes using SVM | *Python, ML Algorithms*

May 2022

- Developed a **machine learning model using Support Vector Machines (SVM)** to predict diabetes based on patient data (Age, BMI, Insulin Levels, etc.).
- Achieved an **accuracy score of 80.5% on test data**, demonstrating the model's reliability in medical diagnosis.
- Applied **data cleaning techniques** to handle missing values and improve prediction accuracy. And Classified patient data into **DIABETIC and NON-DIABETIC** categories based on predictive modeling.
- Published findings in **IJSCE Journal (Volume 12, Issue 2, May 2022)** with DOI: 10.35940/ijscce.B3557.0512222.

Applications of Big Data in Social Media | *Data Mining, Data Visualization, Information Processing*

Nov 2022

- Researched and analyzed **Big Data applications in social media analytics**, focusing on **data mining, sentiment analysis, and AI-driven insights**.
- Explored **how artificial intelligence enhances social media data processing**, improving engagement analysis and user behavior prediction.
- Investigated **velocity, veracity, and volume of social media data**, demonstrating **data processing techniques for real-time analytics**.
- Co-authored and published research on **Big Data and Social Media Analytics**, contributing to industry knowledge on **AI-driven data analysis**.

Technical Skills

Data Analytics: Power BI, Tabulae, SQL (MySQL, PostgreSQL)

Front-end Development: React.js, Next.js, JavaScript, HTML, CSS, Tailwind)

Developer Tools: Jupyter Notebook, Git, GitHub, Trello, Jira

Programming and Machine Learning: Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn), R