Siva Sankar S P

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Aspiring Data Scientist with expertise in machine learning, deep learning, NLP, and front-end development, skilled in Python, SQL, and Power BI. Experienced in building high-accuracy sentiment analysis models, developing interactive dashboards, and delivering data-driven solutions through internships in Data Science, Front-End Development, and Quality Analysis. Adept at combining analytical, technical, and problem-solving skills to create impactful AI-driven applications, with a strong passion for leveraging data to solve real-world challenges.

TECHNICAL SKILLS

Programming Languages: Python, SQL, HTML, CSS

Frameworks & Libraries: TensorFlow, Hugging Face Transformers, Scikit-learn, OpenCV, Matplotlib

Data & Visualization: Power BI, NetworkX

Testing & Tools: Manual Testing, Postman, Black-Box Testing, Regression

Project Management & Collaboration: Agile, Team Collaboration, Documentation

Soft Skills: Communication, Analytical Troubleshooting, Team Collaboration, Leadership

PROFESSIONAL EXPERIENCE

Quality Analyst Trainee (Intern) — May 2025 – August 2025
Trsitha Global PVT LTD — *Chennai, TN*

Front-End Developer Intern — November 2024 – February 2025
Salesqueen Software Solutions — *Chennai, TN*

Data Science Intern — July 2024 – August 2024
Aristocrat Research IT Solutions — *Chennai, TN*

Project 4: End-to-End Software Testing & Reporting

Tristha Global PVT LTD

- Designed test cases for modules like login, attendance, leave, and SERP.
- Performed API testing using Postman and applied test techniques like sanity, regression, black-box, and exploratory testing.
- Created Power BI dashboards for reporting and documented test results.
- Studied ISTQB concepts and presented on Software testing & testing types.

Project 3: Management Systems Development

Salesqueen Software Solutions

- Worked on a license management system and a leave management system (live project), contributing to feature enhancements and improvements.
- Built responsive UIs using HTML &CSS while optimizing performance and user experience. Organized team meetings to improve collaboration and workflow efficiency. Collected work progress from team members and presented it to management.

Project 2: Structural Equation Modelling on FinTech Survey Data

Aristocrat Research IT Solutions

- Executed a Structural Equation Modeling (SEM) project with Python and memory on fintech survey data.
- Applied data preprocessing, model specification, and fit evaluation techniques. Visualized SEM models using network and matplotlib.
- Documented findings and methodology comprehensively.

Project 1: Sentiment Analysis on IMDb Dataset

Aristocrat Research IT Solutions

- Bulit a sentiment analysis model using DistilBERT on the IMDB Dataset, achieving 87.94% accuracy.
- Utilized Hugging Face's Transformers and Datasets for tokenization, training and evaluation.
- Demonstrated expertise in NLP and machine learning with high computational efficiency.

CERTIFICATIONS

- Data Science – SoftLogic System

- Python for Data Science – IBM

- Machine Learning with Python – IBM

- Deep Learning with TensorFlow - IBM

EDUCATION

Panimalar Engineering College   Chennai, TN
B.E. in Electrical and Electronics Engineering   *Aug 2020 – May 2024*