

SATHISHKUMAR N

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OBJECTIVE

Data Science student with strong proficiency in Python, machine learning, deep learning, and large language models (LLMs), along with hands-on experience in cloud platforms such as Azure. Passionate about building intelligent systems that extract insights from complex data. Seeking a dynamic role to apply data-driven techniques and contribute to AI-powered solutions in real-world applications.

EDUCATION

Annamalai University , BE CSE (Data Science) CGPA: 7.5	<i>Sept 2021 – May 2025</i>
St. Arulanandar. Hr. Sec. School , HSC Percentage: 85.5%	<i>June 2020 – April 2021</i>
Wilhelm high School , SSLC Percentage: 81.2%	<i>June 2018 – April 2019</i>

EXPERIENCE

Data Science Intern , Galaxy Technology Services (GTS) <ul style="list-style-type: none">Worked on end-to-end machine learning workflows, including data preprocessing, feature selection, model training, and evaluation.Built and fine-tuned models using scikit-learn and TensorFlow for classification and prediction tasks.Integrated Large Language Models (LLMs) to extract and summarize unstructured data using APIs like OpenAI and Gemini.Deployed models on cloud platforms using Google Cloud Platform (GCP) and containerized services with Docker.Created dashboards and visualizations using Matplotlib, Seaborn, and Streamlit for stakeholder presentations.Collaborated in Agile teams and participated in daily stand-ups, code reviews, and sprint planning.	<i>June 2025 – Aug 2025</i>
Data Science Intern , Shiash Info Solutions <ul style="list-style-type: none">Worked on projects using machine learning algorithms such as linear regression, logistic regression, and random forest.Handled data preprocessing, model development, performance evaluation, and model tuning.Interpreted results to provide actionable business insights.	<i>June 2024 – July 2024</i>
Bussiness Analytic's Intern , YBI Foundations <ul style="list-style-type: none">Built ML models and handled data preprocessing, feature engineering, and EDA.Collaborated with team to meet project goals and real-world applications.	<i>July 2023 – Aug 2023</i>

PROJECTS

AI-Powered Career Guidance System <ul style="list-style-type: none">Developed an intelligent agent-based application that extracts key information (skills, experience, education) from resumes using AI and NLP.Matched extracted candidate profiles to suitable job roles by analyzing resume content and comparing with a skills-job role mapping.Utilized CrewAI for orchestrating agents, including a Resume Parser, Job Matcher, and Career Recommender using LLMs (Gemini).Built the frontend using React.js for interactive resume uploads and job suggestion interface.Managed backend logic with Node.js, integrating API endpoints, PDF parsing, and agent workflows.Enabled personalized job recommendations across domains (Engineering, Arts, Medicine, Law, etc.) using LLM-based matching.	
Spam Detection in Social Network	

- Developed a classification model to detect spam messages on social media using natural language processing (NLP) techniques.
- Preprocessed text data using tokenization, stopwords removal, and vectorization; trained models such as **Naive Bayes** and **SVM**.
- Achieved high accuracy and performance using tools like **Python**, **Scikit-learn**, **Pandas**, **NLTK**, and **Matplotlib**.

Mileage Prediction

- Developed a predictive model to estimate vehicle mileage using Python and machine learning techniques.
- Performed data analysis and visualization using **Pandas**, **NumPy**, and **Seaborn**, achieving accurate mileage forecasts.

Insurance Charges Prediction

- Built a machine learning model to predict insurance charges based on features like age, BMI, and smoking status.
- Utilized Python libraries such as **Pandas**, **NumPy**, and **Seaborn** for data analysis, visualization, and model development.

SKILLS

Programming Languages: Python, JavaScript, R
Machine Learning: Scikit-learn, TensorFlow, Regression Models , Classification model
NLP and LLMs: NLTK, spaCy, Google Gemini, CrewAI
Data Analysis & Visualization: Pandas, NumPy, Seaborn, Matplotlib

Orchestration Frameworks: CrewAI (Agents, Tasks, YAML config)
Tools & Platforms: Git, Jupyter Notebook, VS Code
Soft Skills: Analytical Thinking, Problem Solving, Team Collaboration, Communication

LANGUAGES KNOWN

Tamil
English