JAYANTH S S

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📇 Portfolio: https://jayanth1502.github.io/My-Portfolio/

SUMMARY

AI/ML engineering graduate with hands-on experience in building AI-powered tools, frontend development, and data analysis. Developed a crypto news summarization system using Hugging Face LLMs, designed the official company website, and created multiple ML-based applications. Skilled in Python, ML frameworks, LLMs, and frontend development, with strong collaboration and documentation abilities.

WORK EXPERIENCE

AIML Intern | QuantixLabs Ventures LLP — June 2025 - Present

- Developed an AI crypto news summarizer using Hugging Face, delivering top daily updates via RSS.
- Built an AI Journal for StrateFai to auto-generate portfolio insights and news digests.
- Documented APIs and PRDs in Confluence for smooth developer handoff.
- Explored autonomous AI agents and LLM applications in FinTech/Crypto.
- Designed and launched the official company website on Wix.
- Contributed to AI-driven product enhancements with the AIML Senior.

Python Developer Intern | Hindustan Aeronautics Limited (HAL) — Feb 2025 - May 2025

- Worked as a Data Analysis Designer using Python.
- Developed a web-based application to upload and analyze helicopter datasets.
- Designed interactive features allowing axis selection and analysis method selection, enabling dynamic data visualization.
- Gained experience in Python-based web development, data visualization, and aerospace data analysis.

Web Development Intern | Motion Cut — Oct 2023 - Nov 2023

- Worked on both front-end and back-end development for web applications.
- Gained experience in HTML, CSS, JavaScript, and database integration.
- Developed and optimized web pages for better user experience and performance.

PROJECTS

Sonar Rock vs Mine Prediction using Machine Learning Models — Sep 2019 - Oct 2020

- Developed a predictive model to classify sonar signals as either rocks or mines using machine learning algorithms.
- Implemented feature engineering techniques and trained models such as Logistic Regression, SVM, and Random Forest.
- Achieved high accuracy in classification through model optimization and evaluation metrics.

E-Consult Plus — Aug 2015 - Aug 2019

- Designed and developed an online consultation platform for seamless interaction between users and professionals.
- Integrated a user-friendly interface with secure authentication and scheduling features.
- Utilized Python, SQL, and web technologies to ensure scalability and efficiency.

EDUCATION

New Horizon College of Engineering, Bengaluru   **Nov 2022 - May 2025**
 B.E in Artificial Intelligence and Machine Learning | CGPA: 8.85

Ramaiah Polytechnic, Bengaluru   **Jul 2018 - May 2022**
 Diploma in Mechanical Engineering

CERTIFICATIONS

- **Network addressing and Basic Troubleshooting**
- **Enterprise Design Thinking Practitioner**
- **Natural Language Processing**
- **Generative Ai**

TECHNICAL SKILLS

- **Languages:** Python, SQL
- **Frameworks & Libraries:** TensorFlow, Scikit-Learn, Pandas, NumPy, Matplotlib, Hugging Face Transformers
- **ML Techniques:** Supervised & Unsupervised Learning, Data Cleaning & Preprocessing
- **NLP & LLMs:** Text Summarization, Transformers, Prompt Engineering, Sentiment Analysis
- **Databases:** MySQL
- **Frontend:** HTML, CSS, JavaScript (Basics), Tailwind CSS (Basics).
- **Tools:** Jira, Confluence, Google Colab.