

# JAYANTH S S

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## Executive Summary

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Highly motivated AI/ML Engineering graduate with strong academics and hands-on internship experience. Proficient in Python, SQL, machine learning, and web development. Seeking an entry-level role in AI/ML or web/software development to drive innovative solutions and continue growing professionally.

## Projects

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### 1. Sonar Rock vs Mine Prediction using Machine Learning Models

- 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.

### 2. E-Consult Plus

- 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.

### 3. Online Voting System

- Developed a secure and efficient online voting system to enable fair and transparent elections.
- Implemented user authentication, encryption, and database management to prevent fraud and ensure data integrity.
- Used web development frameworks and backend technologies to handle voting processes efficiently.

## Internships

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### 1. Industry Internship | Hindustan Aeronautics Limited (HAL)

*February 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.

## 2. Web Development Intern | Motion Cut

October 2023 – November 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.

## Education

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### 1. New Horizon College of Engineering, Bengaluru

November 2022 – May 2025

*B.E in Artificial Intelligence and Machine Learning | CGPA: 8.85*

### 2. Ramaiah Polytechnic, Bengaluru

July 2018 – May 2022

*Diploma in Mechanical Engineering*

## Certifications

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

## Technical Skills

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### Core AI/ML Skills

- **Languages:** Python, SQL
- **AI/ML Frameworks & Tools:** TensorFlow, Scikit-Learn, Pandas, NumPy, Matplotlib
- **Machine Learning Techniques:** Supervised & Unsupervised Learning, Feature Engineering, Model Evaluation
- **Deep Learning & NLP:** Neural Networks, CNNs, RNNs, Transformers (Basics), Natural Language Processing
- **Databases:** MySQL

### Additional Skills

- **Data Visualization:** Power BI, Matplotlib, Seaborn
- **Software Development:** HTML, CSS, JavaScript (Basics)

## Soft Skills

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- Emphasize adaptability
- Leadership
- Team work
- Good Listener