# SRIHARI R

Aspiring AI Engineer

## Contact Information

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## Professional Summary

Aspiring AI Engineer with a strong foundation in computer science, specializing in machine learning and artificial intelligence. Proven track record of leading innovative projects and optimizing systems to enhance efficiency. Committed to leveraging technical skills and creative problem-solving abilities to contribute to dynamic and forward-thinking environments like Google.

## EDUCATION

### Presidency University, Bangalore

B.Tech in Computer Science, Dec 2022 - 2026

- CGPA: 8.5 Notable Coursework: Data Structures, Algorithms, AI, Machine Learning

### Soundarya PU College, Bangalore

11th and 12th Grade, Aug 2020 - Jul 2022

- Achieved Distinction with 89.5%

## Skills

- **Programming Languages:** Python (Expert), Java (Intermediate), C# (Intermediate)
- **Data Analysis Libraries:** Pandas (Intermediate), NumPy (Intermediate), Matplotlib (Intermediate), Scikit-learn (Intermediate), SciPy (Intermediate)
- **Machine Learning Frameworks:** TensorFlow (Intermediate) , Keras (Intermediate), PyTorch (Intermediate), Scikit-learn (Expert) , NLP (Intermediate)
- **Databases:** MySQL (Intermediate) , MongoDB (Intermediate)
- **Web Development:** HTML (Intermediate), CSS (Intermediate), JavaScript (Intermediate), React (Intermediate), Flask (Intermediate), Figma (Intermediate)
- **Tools & Platforms:** Jupyter Notebook (Expert), Git (Expert), AWS (SageMaker, BigQuery) (Intermediate)
- **Additional Skills:** Problem-solving, Adaptability, Leadership, Teamwork

## Experience

**Data Science Intern, Code Casa**
**Bangalore ( Oct 2023 - Nov 2023 )**

- Developed and implemented a face recognition system, reducing unauthorized access by 75%. Created a Python-based Tic-Tac-Toe game using machine learning techniques, increasing user engagement by 40%.

**Artificial Intelligence Intern, CodSoft**
**Bangalore ( Sep 2023 - Oct 2023 )**

- Built and implemented projects in Spam Email Detection and Credit Card Fraud Detection using machine learning algorithms, significantly enhancing cybersecurity measures.

**Machine Learning Intern, Bharat Intern**
**Bangalore ( Aug 2023 - Sep 2023 )**

- Developed machine learning predictive models for House Price Prediction and Wine Quality Prediction, enhancing forecasting accuracy and data-driven decision-making.

**Information Technology Intern, Hindustan Aeronautics Limited**
**Bangalore ( Jul 2023 - Jul 2023 )**

- Optimized server efficiency using performance tuning techniques and developed a Network Monitoring Tool, decreasing workload by 40%.

**Smart India Hackathon Participant**

- Represented Presidency University in a competitive hackathon, securing 5th place out of 200 teams, showcasing strong problem-solving and teamwork skills.

## Projects

**AI-based Chatbot for Collaborative Projects**

**Technologies:** Flask, MongoDB, Tailwind CSS

- Developed a chatbot to facilitate group project work without a login system.
- Enhanced team collaboration and project management.
  **[View Live Project]**

**Quantum-Encryption-tool**

**Technologies:** React,Quantum Computing, Kyber Algorithm, AES-256

- Developed a quantum encryption tool using Kyber for quantum-safe security.
- Implemented AES-256 and hybrid encryption for advanced data protection.
  **[View Live Project]**

**Farmers' Website for Crop Recommendations**

**Technologies:** HTML, CSS, JavaScript

- Created a platform to suggest suitable crops based on soil and climate.
- Aimed at improving agricultural decision-making.
  **[View Live Project]**

**Network Monitoring Tool**

**Technologies:** C# , HTML, CSS , Php

- Developed a network monitoring tool to optimize server efficiency and monitor network performance, reducing server workload by 40%.
  **[GitHub Link]**

**ChatNova an AndriodApp**

**Technologies:** Java, Android SDK, Firebase

- Built ChatNova, an Android app for real-time communication.
- Added features for messaging, user authentication, and saving chat history.
- Created a simple, functional interface and tested the app with real users to improve its performance.
  **[GitHub Link]**

**Additional Projects**

- **House Price Prediction:** Developed a predictive model to forecast house prices using various machine learning algorithms. **[GitHub Link]**
- **Wine Quality Prediction:** Created a machine learning model to predict wine quality based on physicochemical properties. **[GitHub Link]**
- **Spam Email Detection:** Implemented a spam detection system using natural language processing techniques. **[GitHub Link]**
- **Credit Card Fraud Detection:** Built a model to identify fraudulent credit card transactions. **[GitHub Link]**

## Extracurricular Activities

- Active participant in hackathons and coding competitions.
- Leadership roles in university tech clubs and organizations.

## Hobbies

- Coding, Developing, Building Circuits, Blogging, Hiking, Cooking

## Languages

- Kannada, English, Hindi, Telugu