UMMAR FAROOK SHAHIL

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Dedicated and proactive Final-year B.Tech student specializing in Artificial Intelligence and Machine Learning at PA College of Engineering, Mangaluru, with a CGPA of 8.2 (up to 6th semester). Proficient in Python and Java, experienced with TensorFlow and Flask. Demonstrated expertise through projects like the IoT-based **Smart Plant Indoor Care System**. Certified by Harvard and Stanford, and actively engaged in hackathons and workshops to enhance skills**.**

**TECHNICAL SKILLS**

Programming Languages: Python, Java, C, HTML, CSS, Data Analysis, MongoDB  
Frameworks: TensorFlow, PyTorch, Flask

Libraries & Tools: NumPy, Pandas, Scikit-learn

**EDUCATION**

# PA COLLEGE OF ENGINEERING



B,E. in Artificial Intelligence and Machine Learning Mangalore, Karnataka



Pre-University Course (PUC)  
 K. Pandyarajah Ballal Pre University College  
 Percentage: 73%

2022– 2026

2020– 2022

**PROJECTS**

Smart Plant Indoor Care System  
Developed an IoT and machine learning-based system to monitor and maintain optimal conditions for indoor plants, tracking temperature, humidity, and light levels, with automated watering, care recommendations, and SMS alerts.

Future vision system  
Developed an AI-driven stock market prediction system during a hackathon, utilizing Long Short-Term Memory (LSTM) neural networks to forecast stock prices based on historical data. The model achieved a prediction accuracy of 85%, providing valuable insights for investment strategies.

**Speech-To-Text Using Whisper**  
Developed an NLP-based system to convert spoken audio into text using **OpenAI’s Whisper model**, providing accurate real-time transcription. Built a **web interface** to upload and transcribe audio files, supporting multiple formats, and implemented **Python, Flask, and JavaScript** for seamless user interaction**.**

### **Hackathons And Project-Based Certifications** Code Meet 2024 – Srinivas University – Participated in a 24-hour hackathon organized by Srinivas University and IBM, collaborating on tech solutions and problem-solving. **Certifications Languages**

# CS50: Introduction to Computer Science – Harvard Kannada: Native|English:Proficient|Hindi:Advanced Machine Learning – Stanford Natural Language Processing