

KEERTHANA S S

Aspiring AI/ML Engineer | Web Developer Enthusiast

☎ +918073808507 / ✉ sskeerthana23@gmail.com / 📄 [Keerthana s s](#) / 🌐 [Keerthana-s-s](#)

SUMMARY

I am an aspiring AI/ML engineer with a strong academic background and hands-on experience in machine learning and web development. I recently graduated with a Bachelor of Engineering in Artificial Intelligence and Machine Learning, achieving a CGPA of 9.3. I have worked on various projects, including CNN models for disease prediction and web applications, showcasing my commitment to applying technology to real-world problems.

SKILLS

Languages & Tools: Python, C, Java, SQL, MS Excel

AI/ML & Data Science: Data Cleaning, Predictive Modeling, CNN, TensorFlow, Keras, OpenCV

Web Development: HTML, CSS, JavaScript, Angular.js, Django

Soft Skills: Communication, Adaptability, Teamwork, Leadership

Languages: English (Fluent), Kannada (Native)

PROJECTS

Heart Disease Prediction Using Retinal Eye Images with CNN

- Built a CNN-based model to detect heart disease from retinal images.
- Improved classification accuracy using preprocessing and feature extraction.
- Tools: TensorFlow, Keras, OpenCV, CNN.

Plant Disease Detection using CNN

- Built a CNN model to classify plant diseases from leaf images.
- Implemented data augmentation and trained on multi-class datasets.
- Technologies: Python, TensorFlow, Keras, CNN.

Arecano - E-commerce Website using Django

- Developed a full-stack e-commerce web application with Django framework.
- Implemented secure user authentication, product management, and cart functionality.

Food and Recipe System

- Designed a food recommendation system with SQL-based backend.
- Focused on architecture design, query optimization, and secure data handling.

WORK EXPERIENCE

AI/ML Intern, MCSRDC Division, Hindustan Aeronautics Limited

Nov 2024

- Developed an **AI-driven voice transcription model** for aerospace industry applications.
- Gained hands-on experience in **real-time voice processing, data pre-processing, and AI-based speech analysis.**

AI & Data Analytics Intern, Edunet Foundation

Jan 2025

- Developed a plant disease prediction model using CNN
- Trained with custom image datasets, applied preprocessing and augmentation.
- Gained knowledge in DevOps, Git, and teamwork on real-world AI applications.

Web Development Intern, MontiCut, AICTE

Dec 2023

- Designed and developed an **interactive web development** project using modern **full-stack frameworks.**

EDUCATION

Adichunchanagiri Institute of Technology- Bachelor of Engineering in Artificial Intelligence and Machine Learning,
CGPA: 9.3 Dec, 2021 – Jul, 2025

St. Joseph's Girls PU College, Chikkamagaluru, PCMB: 87.83%

June 2021

St. Joseph's Convent Girls High School, Chikkamagaluru, Percentage: 91.04%

Apr, 2019

COURSES

Python for Data Science at NPTEL

Mastered data analysis using Pandas and NumPy for efficient cleaning, transformation, and exploration. Gained expertise

in data science workflows and preprocessing for evaluation and performance optimization in Python.

Web Development at Internshala

Developed responsive websites using HTML, CSS, JavaScript, and AngularJS. Enhanced back-end skills with DBMS, MySQL, PHP, and Node.js for building server-side applications and APIs.

Convolutional Neural Networks in TensorFlow at Coursera

Learned to build Convolutional Neural Networks (CNNs) in TensorFlow for image classification and advanced computer vision tasks.

KEY ACHIEVEMENTS

- Secured 1st and 2nd rank in multiple semester exams during B.E. (AI & ML).
- Consistently recognized for academic excellence with a CGPA of 9.3.

CERTIFICATIONS

Web Development Fundamentals,- AIT Chikamagaluru.

Deep Learning Applications- Capulus Technologies.