SHREYA VINAYAK NAIK

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EDUCATION

Mangalore Institute of Technology & Engineering, Mangalore	*2021 - 2025*
B.E (Hons) in Information Science & Engineering	*CGPA* - **9.47**
Govt H Benne PU College, Kumta	*2019 - 2021*
Class 12th	*Percentage* - **96.5**
Sri Channakeshava High School, Honnavar	*2016 - 2019*
Class 10th	*Percentage* - **94.24**

SKILLS

Coursework : DBMS, Operating System, Computer Networks, Data Structure & Algorithms, OOPS with Java

languages : Python, C, HTML, CSS, JavaScript

Frameworks/Libraries : Django, Tensorflow, Tkinter, Streamlit, Pandas, NumPy, Matplotlib

Databases : MySQL, MongoDB

Tools : Git, Visual Studio Code, Jupyter, Postman, Katalon Studio

PROJECTS

Thyroid Diagnosis System

Developed a Python application using Tkinter, TensorFlow and Keras, employing a CNN to classify thyroid conditions from ultrasound images. It includes image preprocessing, deep learning inference and a user-friendly GUI that identifies thyroid types and provides medical and diet suggestions.

Crop and Fertilizer Prediction

Implemented a recommendation system using Python Django. The system uses a machine learning algorithm like Linear Regression to analyze soil attributes such as pH, nitrogen content and climatic conditions. It predicts the best crops and fertilizers to improve yield decisions.

INTERNSHIP EXPERIENCE

Pace Wisdom Solutions Pvt.Ltd   Software Developer Intern (Feb-May 2025)

Worked closely with Developers and DevOps teams on frontend development, JavaScript projects and Application building. Gained hands-on experience in trouble shooting, deployment processes, Debugging, collaborative coding, enhancing overall technical and professional skills.

TechCiti Technologies Pvt.Ltd   Machine Learning Intern (Oct-Nov 2023)

Worked on machine learning–related projects involving data analysis, model training and prediction, gained practical experience in ML implementation.

CERTIFICATIONS AND EXTRA-CURRICULAR ACTIVITIES

- Completed 'Cisco Networking Basics' and 'Uipath RPA Developer Foundation'.

- Attended workshops on 'Pixel Perfection' and 'Software Engineering Tools & Practices'.

- Participated in 'Zecoder' coding contests and 'MITE FIRST' Ideathon competition.

- NSS volunteer and Editorial team member, actively engaged in department-level initiatives.