

# Deviprasad N Shetty

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## SUMMARY

Enthusiastic AIML engineering student with proficiency in diverse programming languages, including Java and Python. Well-versed in working with popular development platforms such as VS Code, PyCharm, and Jupiter. Possesses a solid understanding of the basics of machine learning. Dedicated to integrating theoretical knowledge with practical skills to contribute effectively to AI and ML projects. Adept at crafting efficient and functional solutions through a combination of design and programming expertise.

## EDUCATION

<b>B.E – Artificial Intelligence &amp; Machine Learning</b> <i>Mangalore Institute of Technology &amp; Engineering</i>	2024-Present	7.90
<b>Higher Secondary (12th)</b> <i>Karkala JnanaSudha Pre-University College, Kukkundoor</i>	2021	96%
<b>Secondary (10th)</b> <i>Karkala JnanaSudha English Medium High School, Kukkundoor</i>	2019	95.04%

## SKILLS

**Programming Languages:** C, C++, C#, Java, Python.

**ML Frameworks:** Scikit-learn, Basics of TensorFlow.

**Data Science & Analytics:** Pandas, NumPy, Matplotlib, Seaborn.

**Databases:** MySQL.

**Tools:** VS Code, Jupyter, Pycharm.

## INTERNSHIP

**Kakunje Software Private Limited, Mangaluru**

Artificial Intelligence & Machine Learning Intern

India

October 2023 – November 2023

- **ML Algorithms:** Gained hands-on experience with various machine learning algorithms such as SVMs, Random Forests, Logistic Regression, Naïve Bayes Classifiers, and Neural Networks. These are crucial for tasks like dental diagnosis.
- **App Development:** Learned to develop an application with a frontend using HTML5, CSS, JAVASCRIPT, BOOTSTRAP5, and a backend with PYTHON, PHP, connected to a MySQL database.
- **Data Handling:** Learned to collect and handle different types of data, including patient complaints, personal and medical history, and lifestyle habits.
- **Project Management:** Working with MCODS - The Manipal College of Dental Sciences, learned how to manage a project from the initial concept through to the final implementation, focusing on early detection and specialist doctor recommendations.

## PROJECTS

**Client:** MCODS -The Manipal College of Dental Sciences

**Technology:**

- Frontend Technologies: HTML5, CSS, JAVASCRIPT, BOOTSTRAP5
- Backend Technologies: PYTHON, PHP
- Database: MySQL

#### **a. Present Existing System**

- Dental diagnosis typically involves physical examination and consultation with a dentist, which can be time-consuming and inconvenient. Traditional diagnosis relies on dentist's expertise, potentially leading to variations in recommendations.

#### **b. Proposed ML-Based Dental Diagnosis App**

- This project proposes an ML-powered application to provide preliminary dental diagnosis and treatment recommendations. Users input symptoms and receive personalized recommendations based on ML algorithms. The application offers accessibility, convenience, early detection, and specialist doctor recommendations.

## **COURSES & WORKSHOPS**

- Career Essentials in Generative AI" by Microsoft and LinkedIn (2023)
- RPA Developer Foundation (v2020.10)
- Getting Started with Web Development – SAP
- Critical Thinking for Better Judgment and Decision-LinkedIn

## **ACHIEVEMENTS & ACTIVITIES**

- Achieved the fourth position in the Regional Finals of TCS TechBytes, held on 27th March 2023, an inter-college quiz on IT
- Participated in Y20Talks on Cybersecurity in India as a part of G20 conducted by Alvas Institute of Technology and Engineering, 2023.
- Participated in Bengaluru Tech Summit (BTS 2023), conducted by Dept. of IT, BT and S&T, GoK, 2023.
- Conducted an inter-college ML Quiz during the college fest, Sentia-2022.
- Participated in Bengaluru Tech Summit (BTS 2022), conducted by Dept. of IT, BT and S&T, GoK, 2022.
- Participated in AI4Youth Bootcamp conducted by Intel, 2022.
- Volunteered with MITE Red Cross for blood donation drives, contributing to community health and safety.

## **HOBBIES**

Passionate about watching films, writing stories, and playing basketball.