Dhanush M Shetty

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SUMMARY

An Artificial Intelligence and Machine Learning Engineering student with prior experience in programming through internships and projects, currently focused on Machine Learning and closely monitoring emergent technologies. Seeking a software engineering role to enhance professional skills in AI/ML, and contribute acquired expertise for the organization's advancement.

EDUCATION

Bachelors of Engineering – Artificial Intelligence & Machine Learning	2021-2025	CGPA:8.17
Mangalore Institute of Technology & Engineering		
Senior Secondary (12th) - KSEEB	2019-2021	Percentage:72%
Secondary School (SSLC) - ICSC	2018-2019	Percentage:78%

SKILLS

Languages : C, Java, Python
Interface : HTML, CSS, Java Script
Database : MySQL, MongoDB, PostgreSQL
Tools : Visual Studio Code, XAMPP, FIGMA
Technologies : Robotic Process Automation, Django
Others : Project Management, Leadership Skills, Creative and Analytical

INTERNSHIP

Infopine | Digital marketing October 2023 - November 2023
Project : Digital marketing
Technologies : LinkedIn Sales Navigator, Microsoft Excel, PowerPoint Presentation, & Canva.

Varcons Technology Pvt Ltd | Full stack development February 2025 – May 2025
Project : Smart Attendance and Payroll System
Technologies : HTML, CSS, JavaScript, React, Nodejs, Express, MongoDB.

PROJECTS

1. Recruitment Management System | Group of 2 February 2024
Technologies: Python, Tkinter, MySQL.

Developed a recruitment management system to streamline hiring processes, from candidate sourcing to onboarding, enhancing efficiency and user experience. Designed and implemented a comprehensive recruitment management system.

2. Jaundice Disease Detection on Infants | Group of 4 June 2024
Technologies: Python, Tensor Flow, OpenCV.

Developed a jaundice detection system for infants, leveraging advanced image processing and machine learning techniques to identify symptoms of jaundice. The system analyzes facial images to detect yellow discoloration, a key indicator of jaundice, using color space transformations and statistical thresholds. The models were trained on labeled image datasets to improve diagnostic accuracy. The solution aims to support pediatric healthcare providers, especially in resource-limited settings, by offering a non-invasive, cost-effective, and accessible diagnostic tool.

3. Skin Disease Detection System | Group of 4 December 2024
Technologies: Python, Tensor Flow, CNN, Flask.

Developed a CNN-based skin disease detection system with 95% accuracy, using advanced image preprocessing and transfer learning for classifying nine conditions. Integrated a web interface for real-time diagnosis and early intervention. Enhanced model performance with data augmentation and residual learning.

4. Smart Attendance and Payroll System Infants | Group of 4 April 2025
Technologies: HTML, CSS, JavaScript, React, Nodejs, Express, MongoDB.

Developed a smart attendance and payroll adjustment web application focused on automating the employee onboarding process. The system features a validated digital onboarding form, intelligent role mapping based on department and designation, and seamless integration with attendance and payroll modules. Implemented backend logic to auto-initialize salary structures upon onboarding and designed an intuitive admin dashboard to manage new joiners efficiently. Delivered a fully responsive UI tailored for HR and administrative use, ensuring smooth operations from day one.