

DEEKSHITH IK

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OBJECTIVE

Motivated and enthusiastic Computer Science Engineering student with strong fundamentals in programming and problem solving. Seeking opportunities to grow and make a meaningful impact as a Software Engineer.

EDUCATION

BE in Computer Science Engineering

Maharaja Institute of Technology, Mysore

CGPA: 7.85

2022-2026

Mysore, Karnataka

Pre-University College

Morarji Desai PU Science College, Varakodu

Percentage: 81.5%

2020-2022

Mysore, Karnataka

10th from State Board

Morarji Desai Residential School, Varakodu

Percentage: 84%

2020

Mysore, Karnataka

SKILLS

Programming Languages: C, Python, Java

Development Tools: Visual Studio Code, Spyder

Data Analysis & Visualization: Pandas, NumPy, Excel, Tableau, Power BI

Web Technologies: HTML, CSS

PROJECTS

Healthcare Chatbot using NLP

- Developed a **healthcare chatbot** capable of understanding user queries related to diseases and symptoms using **Natural Language Processing (NLP)**.
- Designed a **web-based interface** (HTML, CSS, JavaScript, Flask) for interactive user experience with real-time responses. Utilized ThingSpeak cloud for data storage and retrieval.
- Technologies used: Python, NLP, HTML, CSS, JavaScript

IoT based Collision Detection and Alert System

- Designed and developed an IoT-enabled system for real-time vehicle accident detection, prevention, and emergency alerting.
- Integrated **Arduino/Raspberry Pi, ESP32, GPS, GSM, accelerometer, ultrasonic, and vibration sensors** for collision detection and live location tracking.
- Built **Blynk cloud & mobile app** integration to send instant SOS alerts via SMS/calls to emergency contacts and hospitals

CERTIFICATIONS

- AI for Beginners – HP LIFE