Raghavendra Patil

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Summary

Enthusiastic and diligent 4th year B.Tech student in Electronics and Communication. Proactive learner with hands-on experience through workshops and academic projects, demonstrating proficiency in problem solving and technical skills. Eager to apply knowledge and skills in a dynamic work environment to contribute to innovative solutions and professional growth.

Education

M S Ramaiah University Of Applied Sciences — **Dec 2021 – Jun 2025**
Bachelor of Technology in Electronics and Communication — Bengaluru , Karnataka
CGPA : 8.88

Sachethan Pu Science College — **Jun 2018 - Mar 2020**
(Pre University - PCMB) — Hubballi , Karnataka
Overall : 80.00%

Rainbow Residential Public School — **Jun 2017 – Mar 2018**
(ICSE – 10th) — Ranebennur, Karnataka

Skills

Languages and Databases: Java, Python, SQL,

Technologies : MERN

Soft Skills : Communication, Project Management, Leadership

CERTIFICATIONS

- MathWorks | MATLAB Onramp
- IBM | IBM Full Stack Software Developer Professional Certificate
- Udemy | The Complete 2024 Web Development Bootcamp
- Digital System Design using Intel FPGA
- Great Learning | Data Analysis using EXCEL
- Walmart | Advanced Software Engineering

Personal Projects

- **Brain Tumor Detection Using ML**
  Developed an advanced brain tumor detection system using machine learning, specifically convolutional neural networks (CNNs). The system processes MRI images to detect and classify tumors as benign, malignant, or no tumor. With an intuitive interface, it allows users to upload images, select tumor type, and receive accurate, stage-specific diagnoses based on trained models.

- **Traffic Light Simulation**
  Developed a traffic light simulation system to replicate real-world traffic management using embedded systems and control logic. The project involved programming timing cycles, signal control, and pedestrian crossing features, ensuring accurate traffic flow regulation. This simulation demonstrated proficiency in system design, hardware interfacing, and logic implementation for efficient traffic control.

- **Patient Health monitor Simulation**
  Developed a real-time health monitoring system using Arduino, Proteus simulation, and sensors for heartbeat and temperature measurements. Integrated components like LCD display, heartbeat sensor, and LM35 temperature sensor, with Arduino UNO for data processing. Designed, simulated, and tested the system for real-time data acquisition and display, demonstrating skills in embedded systems and hardware-software integration

- **Front End Amazon.com clone, Lung Disease Detection.**
- **College E-library portal, Expense Planner.**