Prajwal M N

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OBJECTIVE

As a third-year student specializing in Robotics and Automation, I am passionate about leveraging my expertise in IoT, Embedded Systems, and Industry 4.0. With proficiency in Python and C++, coupled with strong leadership skills, I excel in guiding project teams through complex initiatives. Eager to apply my knowledge and drive innovation across diverse sectors.

TRANING AND INTERNSHIP

- **Central Manufacturing Technology Institute (CMTI), Bangalore.**
  Completed a 3-day hands-on workshop focused on Smart Metrology, Machine Tool Testing, Robotics, and Automation, with hands-on sessions on Pick and Place Cobots, and Automation.

- **DLithe Consultancy Services Pvt. Ltd., Bangalore.**
  Completed a 1-month internship learning Microcontrollers, SoC, Sensors, and Actuators, developed a Real-Time Web Server, and integrated IoT platforms using C++.

- **Siri Intel Technologies Pvt. Ltd., Davangere.**
  Completed a 1-month internship on IoT and Arduino Microcontroller Programming with a focus on simulation, gaining skills in IoT development and Arduino programming.

- **Kodacy in Association with Specific Platforms and Cosmic Exploration (Space).**
  Completed a 15-day virtual internship program on robotics.

- **Infosys Springboard.**
  Completed a course on learning Internet of Things with Raspberry Pi.

- **Kisan Drone Operator Certification.**
  Achieved certification from NDSC through Skill India Hub.

EDUCATIONAL DETAILS

EXAM LEVEL	INSTITUTION	PERCENTAGE / CGPA
BE (Robotics & Automation)	GM Institute of Technology, Davangere	8.4 SGPA
Pre- University Course	Mahesh PU College Davangere	76.3%
Secondary School Leaving Certificate	Thaiba Green Ways CBSE School Davangere	63.4%

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, C
- **Web Technologies**: HTML, CSS
- **IoT Development:** IoT Systems, Embedded Systems
- **Hardware Platforms:** Raspberry Pi, Arduino, ESP32
- **Software Tools:** TinkerCAD, RoboDK, VS Code, Arduino IDE, Solidedge V19
- **Operating Systems:** Windows, Raspberry Pi OS
- **Soft Skills:** Leadership, Teamwork, Communication skills, Problem solving
- **Industry Knowledge:** Automation in Manufacturing, Cobots (Collaborative Robots), Manufacturing Technologies

PROJECT

Face Recognition System   Jan 2023 – Mar 2023
Description: Developed a face recognition system to identify and verify individuals using computer vision techniques.
Role: Project Lead
Technologies Used: Python, OpenCV, Raspberry Pi, TensorFlow

Autonomous Street Light Project   Feb 2023 – Feb 2023
Description: Developed an autonomous street light system using LDR sensor and IoT Technology.
Role: Project member
Technologies Used: C++, IoT Integration, Arduino uno, Sensor

Agricultural Pesticide Spraying Drone   Feb2024 – May 2024
Description: Developed a drone system for efficient and precise pesticide spraying in agricultural fields.
Role: Project Lead
Technologies Used: C++, IoT Integration, ESP32

Campus Navigator Bot Project   Jun 2024 – Aug 2024
Description: Developed a Campus Navigator Bot to assist users in navigating the college campus by providing directions to various departments and facilities.
Role: Project Lead
Technologies Used: Raspberry Pi, HTML

HOBBIES AND INTERESTS

Painting, Dance, Crafting, Event Organizing and Management.

PERSONAL DETAILS

- DOB   : 07-SEP-2003
- GENDER   : Male
- NATIONALITY   : Indian
- LANGUAGES KNOWN   : Kannada, English, Hindi, Urdu

DECLARATION

I hereby declare that the information provided above is true and accurate to the best of my knowledge and belief.

Date: 26-06-2024

Signature

Place: Davangere

(**Prajwal MN**)