CURRICULAM VITAE

MAYUR DATTATRAY KENE

B. Tech in Mechatronics Engineering

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Present Address: 403, Shivraj Heights, Near ISMS College, Vadgaon Bk, Pune - 411041

Career Objective:

Looking for an entry level position to kickstart my career in professional environment.

Academic Background:

Qualification	Institute	Board/University	Year of Passing	CGPA/Percentage
B. Tech in Mechatronics Engineering	Sanjivani College of Engineering, Kopargaon	Savitribai Phule Pune University	2024	7.21
HSC	Enzo-chem College, Yeola	Maharastra State Board of Secondary and Higher Secondary Education	2020	72.15
SSC	Swami Muktanand Vidyalay, Yeola	Maharastra State Board of Secondary and Higher Secondary Education	2018	87.60

Academic Project:

B. Tech Projects :

Autonomous Mobile Robot

- This project focuses on developing and optimizing path planning strategies for a Differential Robot designed for food delivery within restaurant environments.
- AMR is responsible for moving autonomously in the indoor environment by avoiding the obstacle in real time.

IoT Falling Detection For Old Person using MPU6050 and ESP8266

- Fall detection: The device detects falls among the elderly and distinguishes them from other activities.
- Location tracking: It utilizes GPS technology to track the person's location during a fall, notifying loved ones promptly.
- Emergency alert system: The device emits a loud alert prior to a fall and sends an automated message to inform designated contacts about the situation and location.

Industrial Training:

- **Internship In:** PMKVY Internship in Additive Manufacturing (3D Printing)

- **Duration** **:** 1 Month.

Other Software:

- MS Office (Word, Excel, PowerPoint)

Automation & Control Panel Design & Robotics Training.

Completed Automation Comprehensive Course of Duration **4 Months** at **Just Engineering** an Indo-Australian Training Institute in Pune.

Training Details:

Course Name	Automation Comprehensive
PLC	**Hardware:** Allen Bradley : Compact Logix, Micro Logix 1400, SLC 500 Siemens : S7-1200, 300 Mitsubishi : FX3U Delta : Delta DVP Series **Software:** Allen Bradley : Studio 5000, RX Logix 500 Siemens : TIA Portal Mitsubishi : GX Works2 Delta : ISP Soft
SCADA	**Software:** Siemens : TIA WinCC RT Adv.
HMI	**Hardware:** Siemens : KTP 600 Basic **Software:** Siemens : TIA Portal
Project Integration	Completed Project using various Sensors, Pneumatics, Relays, Stack Lamps, PLC, SCADA and HMI. Project was done using The Award-Winning Training TTIM Platform at Just Engineering and Real Time Industry Equipment.
Other Technologies	Variable Speed Drive (Configuration and Parameter settings)
Communication Protocols	- Ethernet Communications - Profinet - MPI - RS 422, 485, 232
Robotics	- Introduction to Industrial Robotics - Robot Programming - Drawing Preparation - Pick and Place Application
Autocad	2D Drafting and Drawing - Block Creation and Editing - Plotting and Printing Layouts - Dimensioning and Scaling - DWG File Management

Co-Curricular Activities:

- Publish Research paper of Autonomous Mobile Robot with Enhanced Efficiency and Navigation Optimization in Restaurant Environment.
- Project Design Patent of Seniors Citizen Fall Detection System.

Personal Details:

- Permanent Address **:** Pandurang Nagar, Badapur Road, Yeola, Tal. Yeola, Dist. Nashik-423401.
- Date of Birth **:** 01/11/2002
- Marital Status **:** Single
- Gender **:** Male
- Languages Known **:** English, Hindi, Marathi
- Hobbies **:** Travelling ,Playing and Watching Cricket

Declaration:

I Hereby declare That the Above Information Is Correct and True.

MAYUR DATTATRAY KENE