VED PARAG VADAKE

B.Tech. - Electronics & Telecommunication Engineering - MITAOE
Ph: +91-8888648290
Email: vpvadake@mitaoe.ac.in
Chiplun, Maharashtra, India - 415605

EDUCATION

Savitribai Phule Pune University	2018 - 2022

B.Tech. - Electronics & Telecommunication Engineering - MITAOE | CGPA: **8.27 / 10.00**

Ashok Vidyalaya, Pune	2018

12th | HSC | Percentage: **67.23 / 100.00**

Mary Matha School, Chiplun	2016

10th | SSC | Percentage: **93.60 / 100.00**

INTERNSHIPS

Geeta Technologies Pvt Ltd   June 16, 2021 - Sept. 16, 2022
Electronics Engineer
Key Skills:

Electronics | ARM | SQL Server | AWS | Python | C | Android | Android Development | IOT | Microcontrollers | Java | LORA

Create an End to End application to transfer data of sensors in a factory through LORA network to AWS server and further to an mobile android application. Application would be able to control actuators and robots in factory using mobile application.

Tata Motors Limited Business Services Limited   Jan. 6, 2022 - July 6, 2022
Software Engineer
Key Skills:

Software Development | Java | Android | Javascript | SQL Server | Python | Machine Learning | Server | UI Development | UX

UX Design

> Create a Customer Profiling Bot (Full Stack) (Python) (SQL Server)
> Create an ML Camera Android Application (Android) (AL) (ML) (JAVA)

PROJECTS

Customer Profiling WebChat Application   Feb. 24, 2022 - May 11, 2022
Team Size: 1

Key Skills: HTML | CSS | Javascript | Python | SQL | MySQL | REST

Create a customer profiling chatbot for unloading new customers and taking their details.

Custom Camera Android Application   Jan. 7, 2022 - May 9, 2022

Key Skills: Android | Java | XML | UI Development | UX | UX Design | Android SDK | Android Development

Create a custom camera application for a specific ML use case using the new android camerax API.

Router 1x3 - VERILOG RTL Design and Verification   Feb. 1, 2022 - April 8, 2022
Team Size: 1

Key Skills: VLSI | Verilog | Advanced Verilog | System Verilog | Verification

Design, Implementation, and Verification of Router in Verilog which accepts 8 bits package and directs it to 3 separate output channels simultaneously.

IOT End to End Android Application   June 16, 2021 - Sept. 17, 2021
Mentor: Shridhar Khandekar | **Team Size:** 2

Key Skills: Android | Android Development | UI Development | UX | SQL | SQLite | Mqtt | Mqtt server | ARM7

Fruit Sorting Robotic Arm   Jan. 1, 2021 - Sept. 15, 2021
Mentor: Shridhar Khandekar | **Team Size:** 6

Key Skills: AI | ML | Machine Learning | Machine Vision | Computer Vision | RISC V | C | Python | Robotics | Robot

Create a Robotic Arm which used machine learning to sort fruit according to their ripeness.

Hollonomic Drive Robot for Warehouse Management and Supermarkets   Aug. 11, 2020 - April 15, 2021
Mentor: Shridhar Khandekar | **Team Size:** 4

Key Skills:

Robotics   Mobile Robotics   Computer Vision   Machine Learning   AI   Electronics   Python   Android Development   C   Java

A Hollonomic Drive Robot can take turns without rotating needing less amount of track space. Such Robots are useful in carrying load in warehouse and supermarket where there is not a lot of space to move. We also created an android application to control using phone.

LMS Android Application for Tutors
May 6, 2020 - Sept. 17, 2020

Team Size: 1

Key Skills: Android   Android Development   Front-End Web Development   UI Development   UX   UX Design   SQLite

Create android application for individual tutors to teach, manage and post assignments for their students. It was Learning Management System for individual private tutors.

Human Following Drone
Jan. 15, 2020 - June 15, 2020

Mentor: Smita Kulkarni | **Team Size:** 4

Key Skills: ML   ARM   Electronics   AI   Python   C

Our Project involved a drone which could follow a human and track their movement. Such drone can be used for shooting videos or vlogging or military use.

Exercise Calorie Application for GYM

Team Size: 1

Key Skills: AI   Android   Android Studio   Android SDK   Android Development   UI Development   UX   UX Design

Exercise and Calorie tracking for local gym to track and monitor their calorie intake of their members.

PERSONAL DETAILS

Gender: Male

Marital Status: Unmarried

Current Address: Radhakrishna Nagar, Near Gurukul College, Shri Darshan Apartment, Flat:T-1, Chiplun, Maharashtra, India - 415605

Emails: vpvadake@mitaoe.ac.in , ved.p.vadake@gmail.com

Date of Birth: Feb. 9, 2001

Phone Numbers: +91-8888648290, +91-8888648290