

Prasad Adhikrao Amrutkar



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🎓 ACADEMICS

BE - Electronics & Telecommunication

K. K. Wagh Institute of Engineering Education and Research, Nashik (SPPU)

08/2020 - 06/2024

CGPA: 8.08

HSC

K.T.H.M College, Nashik

06/2019 - 06/2020

Percentage: 74.9%

SSC

New Maratha High School, Nashik

06/2017 - 06/2018

Percentage: 85.6%

🎮 HOBBIES

Playing Cricket, Trekking

📜 CERTIFICATES

MATLAB & Simulink Onramp (by Mathworks)

Introduction to Programming Using Java and Python (Certified by Great Learning)

Cybersecurity (Offered by Tech Mahindra)

Intermediate Relational Databases and SQL (Certified by Coursera)

🧩 CO/CURRICULAR

• Participated in eGanesha Telekinesis (Sept 2022)

• Cricket Tournament participation in MAFFICK

🏆 SPECIAL ACHIEVEMENTS

• Student Ambassador - AICTE IDEA LAB
Embedded Product Design

• FDP (Faculty Development Program) student
committee member

👤 CAREER OBJECTIVE

Hard-working, goal-oriented, and a team player seeking an opportunity to work in an organization that can provide a variety of opportunities that allow me to expand my skills and knowledge.

💼 INTERNSHIP

KPIT NOVA Hiring Hackathon 2023

04/2023 - 12/2023

SQL, Embedded C, Model-Based Design with MATLAB® / Simulink

GB Controls and Services, Nashik

01/2023 - 02/2023

Worked on Industrial Hardware like SPF08-HT APFC.

Electronics Study Centre, Nashik

01/2022 - 02/2022

Training on Component Testing and Analog Circuit Design

Golden Dreams Software Solutions

08/2021 - 09/2021

Training on Android Development (JAVA, HTML) and Web Development (Python)

📁 PROJECTS

• Design and Implementation of Agriculture Robot for Harvesting.(2024)

Hardware and Software: Proteus, Raspberry Pi, RDBMS, RoboDK, MongoDB, Python, SQL, VNC server

The objective of the project is to improve the efficiency, accuracy, and overall quality of tomato harvesting in agriculture using Raspberry Pi 4 and Python language as well as SQL Queries.

• Online MCQ Test Application (2023)

Programming Language: Advanced Java, PLSQL.

In this project we provide the bookmark option for the student. To stored database we used RDBMS as well as mongoDB software.

• Online Banking Application (2023)

Programming Language: Advanced Java (Front-End Development), SQL, HTML, CSS.

By using shell scripting we developed a fully automated banking system that includes depositing/withdrawal of ammount. To store database we used mariaDB and Apache Airflow software.

🧠 SKILLS

Skills

- Android Development
- Frontend Development
- Backend Development
- Python Web Development
- PCB Design from scratch

Programming Languages

- SQL Database (MySQL, PL/SQL)
- C
- C++
- Python
- JAVA
- Advanced JAVA
- JavaScript
- HTML
- CSS

Technical Software

- Apache Airflow
- MySQL
- Jupiter notebook python
- Codeblocks
- Netbeans
- Eclipse
- Microsoft Office 365
- Android Studio
- Arduino IDE
- Proteus

Soft Skills

- Communication
- Team Player
- Problem Solving