VARSHINI MATTA

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PROFESSIONAL SUMMARY

I am a highly motivated and results-driven 2nd-year Btech student with a passion for technology and a strong focus on honing my technical skills. With victories in two technical hackathons, I have proven my ability to think creatively, problem-solve effectively, and collaborate seamlessly within teams. Proficient in Python, Artificial Intelligence, Data Science, and IoT, tackle complex challenges, and stay updated with industry trends. Excellent communication and interpersonal skills enable me to present technical concepts to non-technical stakeholders and work effectively in fast-paced environments. Currently seeking an internship opportunity, I am eager to bring my enthusiasm, dedication, and innovative thinking to contribute to impactful projects and learn from industry professionals. Let's connect and drive technological advancements together for a better future. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

SKILLS

- **TECHNICAL SKILLS:**
- **Languages** :C, Python, HTML5, CSS3, JavaScript, SQL, PHP, Matlab, Verilog,c#
- **Libraries and Frameworks**: NumPy, Pandas, Open CV, Media Pipe
- **Software**: Matlab, **Ardiuno,** Jupyter Notebook, Anaconda, Visual Studio Code,AutoCAD, Code Blocks, Verilog,Postman,Eclipse,Unity
- **Databases**: MySQL,php MongoDB
- **Concepts**: Rasberrypi,Jetson Nano,Database Management Systems, Data Structures, Node js, IOT,AR/VR

EDUCATION

Air Force School
Pune • 05/2019

Class X
GPA: 94%

Air Force School
Pune • 2021

XII
GPA: 90%

VNR VJIET
Hyderabad • Expected in 2025

B.Tech : Electrnics And Communication Engineering

ACCOMPLISHMENTS

- Achieved **1st place** in the Smart Campus Hackathon with _Mr. Chatopadhayay from DRDO as the judge_. Triumphed through innovative thinking and collaborative teamwork, showcasing dedication to leveraging technology for practical solutions. Ppossibilities.
PROJECT: SMART CAMPUS NAVIGATION
- Secured **2nd position** in Hardware Hackathon at *Convergence 2K23*, showcasing passion for technology and commitment to excellence. Grateful for the support and opportunities that led to this remarkable feat. Excited to continue pushing boundaries and achieving greater heights in the future.
PROJECT: PROSTHETIC HAND

CERTIFICATIONS

Udemy: Ardiuno
Udemy: Web design
Udemy: Python
Udemy: PHP MYSQL
IOT sprint hackathon 2k22
PCB and application development

PROJECTS

1. Smart Campus Navigation System
- Technology: Unity, Augmented Reality
- Description: Developed an AR-based navigation system using Unity software to help college students navigate the campus efficiently.

2. Smart attendance System
- Technology: Python,Opencv,AI
- Description: Developed an automatic attendance based system using Opencv which directly login the student details into excel

GPA: 8.9/10

HOBBIES

Experimenting with the newest technologies and building new projects ,learning music from last 13 years and playing badminton (gold medalist)

LANGUAGES

English

Bilingual or Proficient (C2)

Hindi

Advanced (C1)

French

Elementary (A2)

Telugu

Upper intermediate (B2)

sheet just by detecting the face

3.Cost-Effective VR Experience and Appliance Control
- Technology: Python, Arduino
- Description: Created a budget-friendly VR experience, enabling users to control electric appliances with a simple touch in the VR environment.

4.AI-Controlled Prosthetic Hand
- Technology: Python, Arduino, PyCharm, OpenCV
- Description: Designed an AI-controlled prosthetic hand, making it easier and more affordable for specially-abled individuals by omitting the flex sensors.

5.Pothole Detector
- Technology: Arduino
- Description: Developed a pothole detector using Arduino sensors like ultrasonic sensors and triple-axis accelerometer to alert drivers in advance and potentially stop the car if needed.

6.Clone Website
- Technology: HTML, CSS, Java
- Description: Successfully replicated the popular website Netflix, showcasing proficiency in web development.

7.Group Divider Project
- Technology: Python
- Description: Created a Python-based group divider project that efficiently divides large groups of people into smaller ones based on specific parameters, saving time and benefiting college faculty in various ways.