

ABINANTHANAN.A

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OBJECTIVE

As a recent B.Tech graduate in Information Technology, I possess a robust understanding of programming languages and emerging technologies. I am enthusiastic about utilizing my skills to contribute to groundbreaking IT projects and am actively pursuing an internship or entry-level position where I can make a significant impact and foster organizational growth.

PROFESSIONAL SUMMARY

- **Proficient in Python and Django**, with experience in **MySQL** and **SQLite3** databases.
- **Skilled in developing web applications** using technologies such as **Python, Django, HTML, CSS, Bootstrap, JavaScript**, and **React.js**.
- **Experienced** with the **Django framework**.
- **Utilized coding expertise** to implement new features and improve existing functionalities, ensuring **high standards of code quality, readability**, and **performance** throughout **Full Stack development**.

EDUCATION

IFET College of Engineering

B.Tech-IT (2024)

CGPA-8.25

Montfort Matric Higher Sec School,Tindivanam

HSC (2020)

69.5%

Montfort Matric Higher Sec School,Tindivanam

SSLC (2018)

79.2%

SKILLS

Python

C

HTML

CSS

JavaScript

Django

SQL

INTERNSHIPS

CISCO

Cisco AICTE Virtual Internship Program 2022

THINK01 SOLUTIONS

"WEB DEVELOPMENT" at THINK01 SOLUTIONS

VEI TECHNOLOGIES

"MACHINE LEARNING USING PYTHON" at VEI TECHNOLOGIES

PROJECTS

Final Year Project

2023-2024

Enhancing Wellness And Location Monitoring For Mountain Climbers

- A **smart mountain climbing system** integrates **vital monitoring** and **location tracking** via **IoT technology** to enhance **safety** by continuously monitoring climbers' **vital signs** in real-time and providing **alerts** to rescue teams if necessary, even in areas with **limited network coverage**.

Mini Project-II

2022-2023

Radar For Unauthorized Object Detection

- Designing a **radar system** using an **ultrasonic sensor** to measure **distances** ranging from **3 cm to 40 cm** without physical contact. A **servo motor** controls the sensor's movement, and **data** is transmitted to a **PC** or **laptop** for display and analysis using the **Processing Development Environment** software.

Mini Project-I

2021-2022

PC Unlock System Using RFID

- The **security system** utilizes **RFID tags** and **password authentication** through an **Atmega328P microcontroller** to swiftly and securely unlock **PCs** and **laptops** without manual password entry. By scanning **RFID tags**, the system verifies **user identity** and automatically inputs the associated **password**, enhancing **convenience** and **access control**.

CERTIFIED COURSES

- Completed courses in **Cybersecurity**, including **Introduction to Cybersecurity**, **Introduction to Networks**, **Introduction to Packet Tracer**, and **Cybersecurity Essentials** through **Cisco**.
- Completed courses in **Front End Development**, focusing on **HTML**, **CSS**, and an **Introduction to JavaScript** through **Great Learning**.

STRENGTHS

Punctuality

Teamwork

Leadership

ACHIEVEMENTS

Conference

My project, Enhancing Wellness and Location Monitoring for Mountain Climbers, was accepted and presented at the **International Conference on Electronics, Communication, Computing, and Control Technology (ICECCC 2024)**, hosted by the **CMR Institute of Technology**, and will be published in **IEEE Xplore**.

Project Presentation

- I participated in the **"Paper Presentation on Technical Symposium"**, organized by **Krishnasamy College of Engineering and Technology**.
- Participated in the **"DR. Kalam Young Achiever Award"**, organized by the **World Youth Federation**.

AREA OF INTEREST

- **Web Designing**
- **Computer Networks**
- **Internet Of Things**
- **Software Testing**

DECLARATION

I hereby declare the above given information is true and correct to the best of my knowledge.

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Tindivanam