YUGESH PADMANABAN V

Student

+91 8428276768

yugee03@gmail.com

Chennai-61, India

SUMMARY

Motivated undergraduate student pursuing B.Tech. in Computer Science and Engineering (Cybersecurity and IoT) with a proven ability to work collaboratively on projects. Exhibits strong leadership and critical thinking skills. Proficient in problem-solving with a passion for software development. Seeks opportunities to learn and grow in a dynamic environment. Passionate about AI, data science, and cybersecurity. Eager to leverage academic knowledge to tackle real-world challenges and contribute to innovative tech solutions.

EDUCATION

New Prince Shri Bhavani Senior Secondary School (CBSE)

2015- 2022

Sri Ramachandra Institute of Higher Education and Research

B.Tech Computer Science Engineering
[Cybersecurity & IoT] - **CGPA: 8.8**
2022 – 2026

SKILLS

- R Programming
- Web Development
- Java/Javascript
- Python, C
- Android Development
- Visualization
- SQL

PERSONAL SKILLS

- Exceptional communication and Leadership skills
- Ability to work independently and as part of a team
- Detail-oriented and able to handle multiple tasks simultaneously

CERTIFICATIONS

- Search Engine Optimization with Squarespace on Coursera

INTERNSHIP EXPERIENCE

XYMA Analytics PVT Ltd. 19th Aug - 22nd Oct, 2024

ANALYSIS OF AUGMENTED REALITY AND IOT INTEGRATION FOR REAL-TIME SENSOR DATA VISUALIZATION

- Developed **POTLINE**, an Unity-based AR mobile App enabling real-time, interactive 3D sensor visualization for IoT devices with 108 dynamic sensors, providing enhanced user engagement through color-coded temperature changes, live data tracking, and a detailed Report Page with bar graph visualizations.

- Implemented secure login with API integration and user validation, alongside additional features like AR model screenshot capture, seamlessly bridging IoT data monitoring and interactive AR experiences for an immersive user interface.

Qwings at IITM 19 Feb - April 2024

ENCRYPTECT: ADVANCED CRYPTOGRAPHIC PROTOCOLS FOR SECURE FILE ENCRYPTION AND DECRYPTION

- Created a secure web application with an intuitive interface for file uploads, allowing users to seamlessly perform encryption or decryption tasks.
- Implemented advanced security measures to protect data throughout the process, with features for securely sharing encrypted or decrypted files and real-time notifications upon task completion.

Qwings at IITM May - July 2023

IoT Developer
- **FingerVault**: IoT Based Door Lock system using FingerPrint sensor

Igenuine Soft Solutions May - July 2023

FarmFresh - An E-commerce Web Application
- This e-commerce website is dedicated to providing convenient access to fresh, home-grown vegetables, ensuring high-quality produce for all customers.
- Connecting local growers with a broader market, we promote sustainable practices and support community agriculture.

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PROJECT EXPERIENCE

- Speech Therapy Assistance System for Children Using Machine Learning
- Conversational AI for Speech Impairment Therapy
- Automated Text & Image Extraction from Handwritten Documents Using AI
- Advanced Diabetes Data Insights with Machine Learning
- Smart Industrial Machinary Monitoring System Using IoT & AR
- Investor Decision-Making in Shark Tank: A Machine Learning Approach
- *AgriSafe*: Empowering Indian Farmers with Rented Depositories for Fair Crop Pricing
- *EmpowHER*: A Mobile Application with exculsive features for women

DEVELOPMENT ENVIRONMENT AND TECHNOLOGY STACK

- UNITY HUB
- ANDROID STUDIO
- MONGO DB
- AUGMENTED REALITY
- TABLEAU