KRITHIYA T

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Education

Bachelor of Computer Science & Engineering   *Oct 2020-March 2024*
Noorul Islam Centre for Higher Education **-** *CGPA:8.06*   *Tamil Nadu, India*
XII-Computer Science   *June 2019 – March 2020*
Little Flower Girls Higher Secondary School- Percentage: 60.5%   *Tamil Nadu, India*
X- High School   *June 2017 – March 2018*
Little Flower Girls Higher Secondary School- Percentage: 80.40%,   *Tamil Nadu, India*

Experience

Technical Research Intern   *Tamil Nadu, India*
Research Point India   *Dec. 2024 - Jan. 2024*

- Worked with deep learning techniques in Stress Detection System
- Researched and analyzed already existing systems to explore possibilities.
- Created a plagiarism free report of my research towards Stress Detection System.

React JS Web Development   *Trivandrum, India*
Shrishti Innovative Computer Systems   *Oct. 2024 - Nov. 2024*

- Gained hands-on experience in React JS.
- Designed, developed, and tested web pages using react framework.

Technical Skills

Programming languages	Java, HTML, CSS, Python
Databases	MySQL
Frameworks	Spring Boot, Spring MVC, Thyme leaf, Apache Tomcat, Bootstrap
Developer Tools	IntelliJ, POSTMAN, Spring Boot Dev Tools, GitHub, Restful API, Maven, MATLAB, NetBeans, Figma
Interpersonal	Communication, Team Work, Adaptability, Leadership,

Projects

Tom & Niral-C | **GitHub**
- **Objective** - To diagnose fever type in a person using TOM device.
- Touchless Oxygen Monitoring for fever type diagnosis (NIRAL-C) using ANN and IOT.
- Oxygen level of the person can be graphically monitored.
- **Technology Used:** MATLAB, python, GitHub

Wearable Heart Rate Alert System | **GitHub**
- **Objective** -To monitor patients' health condition from home without any help of medical professional.
- A wearable device that detects the persons Heart Rate, Temperature, And Oxygen level in the body in real time and displays it in Blynk IOT Application.
- **Technology Used**: Embedded C, Blynk IOT App

Certificates and Achievements

- Foundations of Data Science- **Google**.
- Getting started with python- **Google**.
- **Patent**- IOT Based Wearable Device for Heart Rate Monitoring (411761-001)
- **International Conference**- TOM & NIRAL-C