Sachin H M

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Career Objective

Enthusiastic **Electronics Engineer** and **Open-Source Contributor** eager to contribute to team success through hard work, attention to detail, and excellent organizational skills.

Skills

- Computer Networks(Setup and Configure Network Device like Routers,Switches and Firewalls).
- Understanding of Networking Concepts,Protocols and Technologies.
- Programming Language: Java, Collection Framework, JDBC, Python(Basic)
- Database: SQL
- Web Technologies: HTML, CSS, XML
- Knowledge of Software Development Life Cycle(SDLC).
- Machine Learning using Python.

Software or Tools

- Eclipse IDE
- SQL Plus
- Visual Code Studio
- Jupyter

Education

Bachelor of Engineering in Electronics and Communication
BNM Institute of Technology(BNMIT), Bengaluru   Graduation : August 2023
GPA: 7.53/10.00

Class 12th, Pre-University Education
Jnanabharathi PU College,Kunigal   April 2019
Percentage: 83

Class 10th, SSLC
Mahatma Gandhi Govt JR.College,Kuigal   May 2017
Percentage: 86.24

Projects

1.Pro - Ambulance
  BNMIT, Bengaluru   March 2022 - July 2022

- As a dedicated and innovative team member, I was responsible for designing immediate rapid response to emergency vehicle drivers during critical situations.I played a crucial role in designing circuits to the project while ensuring their safety and well-being.

- This project aimed to enhance the mobility and independence of emergency vehicle drivers with traffic through this integration of advanced technology and intelligent design.

- Developed by using **Raspberry Pi** and Programming Language **Python** and Web Page will be Designed by using **HTML** and **CSS**.

2.Design of Black Box For Cars

BNMIT, Bengaluru   January 2023 - May 2023

- As a key contributor, I developed a sophisticated Black Box system for automobiles that aimed to enhance vehicle safety, monitor driver behavior, and provide crucial data for accident analysis and insurance purposes.

- Our team has successful in implementing the system integrated a range of sensors and data recording capabilities to create a comprehensive vehicle monitoring solution.

- Hardware components like **Temperature sensor, Collision Sensor,Alcoholic Sensor,OBD Port, GSM Module, GPS Module** etc are employed to the Black Box System.

- In order to present the information gained from the various sensor web page will be created using **HTML** and **CSS**. and the Programming language **Python** will be used to developed the prototype.

Internships

Machine Learning intern

Take it smart solutions, Bengaluru   August 2022 - September 2022

- I undertook a machine learning internship where I collaborated with an experienced team to improve machine learning model accuracy through data preprocessing and dataset organization.

- I actively contributed to team discussions and gained proficiency in key machine learning libraries and frameworks.

- Face Detection Using by importing **OpenCV** with ML Algorithm, Developed by using **Supervised learning and Training Set.**

Extracurricular Activities

Sir MV cricket club   October 2016 - Present

- Played a key role in our championship-winning and undefeated season at Sir MV Cricket Club.

- Set a club record for 113 and consistently ranked as the best Captain.

- Effective team captain, leading the squad to multiple victories.

- Engaged in community initiatives, coaching, and organizing clinics to promote the sport's growth.

Certifications

- Take it Smart Certified in **Machine Learning using Python**.
- Udemy Certified in **Java Programming:Complete Beginner to Advanced**.

Last updated:Feb 20, 2024