Vanasetty Rohit

Roll Number: 17L31A1901
B.Tech - Electronics and Computer Engineering (ECM)
Vignan's Institute of Information Technology, Duvvada

+91-8328084975
vrohit1901@gmail.com
https://vrohit1901.github.io/
https://github.com/VRohit1901

Career Objective

To become a part of an organization where my curricular background and technical knowledge is utilized to the fullest for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the IT sector.

Education

Year	Degree / Certificate	Institute / Board	CGPA/Percentage
2017-Current	B. Tech	Vignan's Institute of Information Technology	68.8% (Current)
2015-2017	Intermediate	State board	62.5%
2013-2014	Secondary	CBSE board	9.0

Experience

1. VESAITHON Hackathon
- Built an AI chatbot that encourages independent learning in children so as to improve understanding in important subjects.
- Selected as one of top 20 teams out of 500+ teams National wide.
- Served as Team Leader for 3 members.

2. Smart India Hackathon
- Built a Solar Powered Smart Irrigation System which conserves electricity by reducing the usage of grid power and conserve electricity by reducing water losses.
- Winner of Internal Smart India Hackathon.
- Served as Team Leader for 6 members.

Projects

1. Object Detection Using TensorFlow
- **Description:** Trained a CNN program and deployed it using an android app which can detect objects in real time through the camera.
- **Technologies Used:** TensorFlow, TensorFlow lite, OpenCV, Anaconda, Android Studio, Jupyter Notebook
- **Operating System:** Windows 10, Android 10
- **Team Size:** 4
- **Role:** Designer, Developer and Tester

2. Wi-Fi Controlled Car
- **Description:** A working prototype has been designed to drive an electric car wirelessly using an Android Application.
- **Technologies Used:** Arduino IDE, Tinkercad, WIFI
- **Operating System:** Ubuntu 18.04, Android 7
- **Team Size:** 4
- **Role:** Team leader, Designer, Developer and Tester

3. Automatic Tank Filling Machine
- **Description:** This is a system which is used to fill the water tank automatically when the water level goes below the set threshold and is switched off automatically when the tank is full.
- **Technologies Used:** Arduino IDE, Tinkercad
- **Operating System:** Windows 7
- **Team Size:** 2
- **Role:** Team leader, Designer, Developer and Tester

4. Portfolio Website

- **Description:** Designed a beautiful static webpage from scratch to create an online resume for showcasing my skills.
- **Technologies Used:** HTML, CSS, Bootstrap, GitHub, GitHub Pages
- **Operating System:** Windows10

5. Hackintosh
- **Description:** Successfully installed and configured Macintosh operating system (macOS Mojave 10.14.5) on my windows laptop.
- **Technologies Used:** Bash Scripting, Clover bootloader and a lot of understanding and skills.
- **Operating System:** Windows 10, macOS Mojave

6. Home Automation
- **Description:** In this project I made and automation system by which anyone can control his/her home appliances remotely using his/her mobile phone.
- **Technologies Used:** ESP8266 drivers, Blynk, Arduino IDE
- **Operating System:** Ubuntu

Technical skills
- **Programming languages:** C, C++, Java, Python
- **Web technologies:** HTML 5, CSS, XML, JavaScript
- **Database management:** SQL
- **Miscellaneous:** Android programming, Firebase, GitHub, TensorFlow, Heroku, Raspberry PI, Arduino, Internet of Things, Data Structures
- **Operating system:** Windows, Linux, Unix, Mac, Android

Achievements
- **Received a letter of appreciation** for being a resource person in faculty development program held at JNTUK for IOT.
- Qualified Round 1 for Hackathon conducted by IIT Dharwad.
- Winner of Internal Smart India Hackathon.
- Won 2nd in Project Expo.
- Won 2nd in Machine Learning Competition.
- Secured top 20 out of 1000+ teams nationwide in VESAITHON.

Hobbies
- Reading about emerging technologies in the industry.
- Building custom ROMs for my Android device.

Extracurriculars
- Google IT Automation with Python(currently pursuing)
- Image Classification with CNNs using Keras
- Joy of Computing using Python
- Programming in Java
- Machine Learning Workshop

(References available on request)