

Viral A Panchal

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Career Objectives

To put to use the technical skills comprehended for the furtherance of the organization that I would work with while enhancing my skills further for better opportunities.

Long Term: To make the most out of technical, interpersonal, and conceptual skills into use by seeking a managerial role in an organization. Incubate a Robotics startup for the food industry after gaining adequate industrial experience and market exposure.

Educational Qualification

- Pursuing BE, Computer Science Engineering at CMR Institute of Technology, Bengaluru
- Completed 12th under CBSE in Bengaluru & 10th under CBSE at Vadodara, Gujarat

Academic Projects

1 Family Tree Generator Android Application

- The new generation of kids find it difficult to adapt and learn the Indian relationship scheme, this application lets you find the relationship one member of the family shares with another.
- Used CSV files in **Android Studio** to create a user-friendly GUI.
- Working on the furtherance of the project using a linked list as a database for this.

2 SNMP Network Monitoring Website & Android Application

- A College news website, a common platform to share all news relevant.
- The college lacked a common information-sharing platform that could connect to all.
- Worked with **PostgreSQL, JAVA, BootStrap & JS**.

3 Talent In

- A campus-specific website, that helps one find out an expert on-campus that may help for the project.
- There was no platform where one can search for an expert on a specific topic on campus.
- Worked with MyPHP admin MySQL, HTML & CSS.
- Used the same base and built and College news website - **News Buddy**

4 El Robo Ramu

- To build a Mobile Robotic Arm, that can virtually imitate any task that a human arm can perform.
Current status - Simulation using **ROS** is done.
Next step - Build and implement physically.

5 Boss Trader

- A trading tool that automatically sends mail when the share target price/stop loss is reached.

- This is built on **Google Sheet(Excel)** using **GoogleAppsScript** and **GoogleFinance API**.

Work Experience

- Worked in the Networking Department of Centre for Artificial Intelligence and Robotics DRDO.
Built a Network Monitoring WebApp and Android application based on SNMP.
- Internship at IT Department of HAL Overhaul Division Bengaluru
-Worked on the HAL Intranet Website that uses .NET ASP and Oracle DB.
- International Student Exchange cum Complete Robotics Workshop at MMU, Malaysia
-Learned 3D Modelling and printing using Autodesk Inventor, and Arduino environment and its application.
- Website for an NGO named "Be the change Hospete" that is based in Hospet, Karnataka.
www.bethechangehospete.co.in

Technical Skills

- Android Application Development
- Web Development
- ROS - Robot Operating System
- SQL
- Java, Python
- C, C++
- GoogleAppsScript
- Arduino, Raspberry Pi
- Autodesk Inventor

Extra Co-curricular

- Received the CMR LEADERSHIP AWARD-2020.
- Event Director for three 24+ hour Hackathons with 100+ participants under the "Hack-it-on" series of hackathons that was my brainchild.
- Started CodeChef Campus Chapter CMRIT in 2018 and led various Competitive Coding Events under the same club.
- Selected for Google India Scholarship Udacity - Basic Android Development
- Been an active part of all major College Clubs and Events - Moziety, HackerEarth, and a few more.

Leadership dimensions

Innovative, Global Vision, Entrepreneurship, Agile, and Team Builder.