

Pranavchandran. R

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OBJECTIVE:

A creative and detailed individual with ability to develop effective and efficient solutions with zero tolerance for errors. Looking to join a progressive tech company where my technical skills in Software development and Front End development will be fully harnessed.

ACADEMIC SCORES:

Qualification	Institution	Year	Score
B. Tech (CSE)	SRM Institute of Science and Technology, Chennai	2016 - 2020	74.7%
Class XII (CBSE)	Maharishi International School , Kanchipuram	2014 - 2016	76%
Class X (CBSE)	Sri R. M. Jain Vidhayasharam, Tiruvallur	2014	94%

SOFTWARE SKILL SET:

- Languages Known : C, C++, Python(Basic) & SQL.
- Front End development : HTML5, CSS3, JavaScript.
- Internet of Things (IoT), Salesforce

ACADEMIC PROJECTS:

➤ Tourist Android Application.

→ DURATION : 3 Months (June 2018 – August 2018)

→ IDE : Android Studio

→ An Android Application was built to help benefit the tourists travel to the places they wish without a guide and in order to make the best possible travel experience it also provides suggestions for travelling with other tourists in the same location.

➤ IoT device for Gas detection.

→ DURATION : 2 Months (March 2019 – May 2019)

→ Microcontroller : Arduino Uno.

→ IDE : Arduino IDE.

→ Tools Used : MQ-2 Sensor, NEO-6 GPS, GSM Module, LCD Arduino.

→ Built a IoT device to identify the ppm levels of various gases (Detection upto 8 different types of gases) and to alert the people with an SMS when they are at dangerous levels.

➤ Online Job Portal.

→ DURATION : 1 Month (November 2017)

→ Applications Used: UML 2.0, MySQL.

→ Object Oriented Analysis and Design (OOAD)

→ Learnt to build a Job Portal to help view available jobs and to apply for one at the agency using the web app after which it gets updated in the database using MySQL.

- **Pothole and Irregularities detection in roads using IoT.**
 - ➔ *DURATION : 5 Months (November 2019-March 2020)*
 - ➔ *Applications Used: Arduino IDE , IoT sensors, GPS and GSM Module , Web development tools.*
 - ➔ *Sensors : HC-SR04 UV, ADXL-335, SW-420, IR Sensor*
 - ➔ *This Project mainly identifies the irregularities on the road surfaces using various sensors and collects the data. This data can be later on used to share it with other drivers and also for future reference for government officers. This model typically uses live data and pre-recorded data for its analysis of the road surfaces.*

WORK EXPERIENCE:

- Currently working as a Programmer Analyst Trainee (PAT) in Cognizant.
- Notice Periods: 2 Months (Negotiable)

INTERSHIPS / IN-PLANT TRAINING:

- **Organisation / Location : Surya Informatic Solutions ,Chennai**
 - *Duration / Period : June 2018*
 - *Objective : App Development in Android Platform.*
- **Organisation / Location : REN INFO - TCS ,Chennai**
 - *Duration / Period : December 2017*
 - *Objective : Data Analytics and Data mining project.*

CERTIFICATIONS:

Certified Ethical Hacking Expert **(CEHE)** Level 2 : Worked with Mr. Sunny Vaghela , CEO of Techdefence Pvt. Ltd. , in locating weaknesses and vulnerabilities of computer and information systems by duplicating the intent and actions of malicious hackers.

PAPER PUBLISHED:

March, 2020 : Pranavchandran R , Aneerudh R and Uma Maheshwari.

**Pothole Detection Using IoT Devices, International Journal of Psychosocial Rehabilitation, ISSN:1475-7192, Volume 24, Issue 5, Pages: 1683-1689,
DOI: 10.37200/IJPR/V24I5/PR201840.**

ACHIEVEMENTS AND AWARDS:

- **Paper Publication:** *K.M. Umamaheswari, R. Pranavchandran and R. Aneerudh: Pothole Detection Using IoT Devices, International Journal of Psychosocial Rehabilitation ISSN: 1475-7192*
- Campus Ambassador for ECKOVATION.
- Representing Thiruvallur (District) in State level Table Tennis tournament.
- International Cyber Olympiad – Gold Medalist in Intra School level.
- Thiruvallur District level Table Tennis tournament- Runner up

LANGUAGE PROFICIENCY:

→ English, Tamil, Telugu & Japanese (Basics).

INTEREST:

Technology Evangelism, Designing User Interface & Graphical Images, Back End Development, Data Mining and Cloud computing.

Place: Chennai

Authentically,

Date: 11th-May-2020

[Pranavchandran. R]