R Pavan

Profile

To evolve and work as a capable professional by being associated with a company that will challenge to push my boundaries and to keep adding value to the organization that I represent, while improving my skills, knowledge and financial growth.

Contact

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Education

Course	Institute	Passing Year &Grade
Bachelor of Technology, Instrumentation and Control Engineering.	Manipal Institute of Technology, Manipal, Karnataka.	*October 2021* *CGPA: 7.87/10*
Senior Secondary (SSC)	Sri Chaitanya, Hyderabad, Telangana	*April 2017* *Marks: 900/1000*
Primary Schooling (ICSE)	International Educational Academy, Hyderabad, Telangana	*May 2015* *Percentage: 85.3*

Relevant Courses

Modern Control Theory, Microprocessors and Microcontrollers, Signals and Systems, Digital Signal Processing, Linear Control Theory, Analog Systems Design, Database Management Systems, Data Science with R, Electrical Circuit Analysis, Analog Systems Design Lab, Circuit Simulation Lab.

Certifications

- **Introduction to Internet of Things and Embedded Systems**

The explosive growth of the "Internet of Things" is changing our world and the rapid drop in price for typical IoT components is allowing people to innovate new designs and products at home. This course helped in understanding what IoT and Embedded Systems are.

- **The Arduino Platform and C Programming**

The Arduino is an open-source computer hardware/software platform for building digital devices and interactive objects that can sense and control the physical world around them. This course also covered programming the Arduino using C language.

- **Interfacing with Arduino**

This course helped in knowing how various sensors work and how they work when in contact with the Arduino. And more.

(Courses available on Coursera and certificates are on my LinkedIn)

Internships

- Completed a 4-week internship/summer training at Innovians Technologies in the field of IoT.

Projects

- Development of hybrid methods to identify Glaucoma using fundus images.
  Using multiple methods and algorithms, our idea is to identify Glaucoma using fundus images. Few algorithms/methods used are the HSV method, Superpixel algorithm and other machine learning algorithms under the guidance of Dr. Anjan Gudigar (Faculty at ICE department, MIT, Manipal).

- Data Analytics and Visualization in Sports (Football)
  Analyze football data and create visualizations using various applications and programming languages.

Skills

R, Python, Tableau, MATLAB, Internet of Things, SQL, CLAD, Microsoft Word, Microsoft PowerPoint, Microsoft Excel, AutoCAD, Proficient in Windows.

Others

- Participated in a college fest as an organizer- ***March ,2019.***
- Participated in a college fest as a volunteer – ***October ,2018.***

Personal Details

Date of Birth – 13 May 2000
Place – Hyderabad
Languages – English, Hindi, Telugu