Purusharth Arora

Web Developer, Data Science Enthusiast

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I am a self-motivated, technology enthusiast specialising in Web Development and Data Science, who wants to succeed in an environment of growth and excellence and develop skills to follow through.

PERSONAL QUALITIES

- Optimistic and Loaded with positive Attitude
- Excellent communication and presentation skills.
- Able to work in groups as well as an individual.

EDUCATION

Vellore Institute of Technology
June 2015 - present

Bachelor of Technology (B-Tech)

Information Technology (I.T)

8.92 CGPA (6th Semester)

R.A.N Public School
2015

Class 12 (C.B.S.E)

94.8%   (Physics Chemistry Mathematics English)

R.A.N Public School
2013

Class 10 (C.B.S.E)

9.8 CGPA (Science Topper)

SKILLS

Operating systems

- Windows 7/8/10
- Linux

Softwares/Tools

- GIT
- Anaconda
- Sublime Text Editor Notepad++
- Jupyter Notebook
- WEKA
- Dash by Plotly
- CISCO Packet Tracer
- Android Studio
- IBM Watson

Programming Languages

- C++
- Python (Data Science Specific)
- HTML CSS BootStrap
- JavaScript JQuery
- Nodejs MongoDB
- PHP MySQL

Technical Skills

- Data Visualisation
- Data Analysis
- Network Analysis
- Web Development
- Android Development
- Sentiment Analysis

EXPERIENCE

Schneider Electric IT Business India Private Limited
June 2017 to July 2017

Technical Internship

The scope of this internship was to develop an Employee and Payroll Management Web Application using HTML, CSS, JavaScript, Bootstrap, MYSQL, and PHP. It has two main divisions which are Admin division and Employee division.

The main motive for developing this project was to provide an efficient and systematic solution for both employees and administrators to use variously related functionalities.

PROJECTS

Employee and Payroll Management System
June 2017 to August 2017

https://github.com/Purusharth07/Employee-and-Payroll-Management

It Makes use of two interfaces: Admin end and Employee end. Admin Interface Includes 1.ADMIN Login 2.Employee Management 3.Deductions 4.Income Mangement 5.Leave(s) Management. Employee Interface Includes: 1.Employee Login 2.Employee Details 3.Leave application 4.Income Display

Social World
February 2017 to June 2017

https://github.com/Purusharth07/Social-world

A social networking website with facebook like facilities to post, like and comment your thoughts and ideas to your friends. A platform developed also include additional features such as TO-DO List to share common activities with your friends, Event Polling for getting a decisive outcome which is visible to all with the help of the Graph which updates in Real Time.

Android Messaging Application
September 2017 to October 2017

https://github.com/Purusharth07/Android_Messaging_App-Using_Firebase-

An android Messaging application using firebase. With the additional facility to capture and share photos as well.

Network Analysis Using Cisco Packet Tracer
August 2017

A topology of networks was selected with routers, hubs, wifi modules, modems. Then network was studied to get the best ping for the sent data throughout the network using different networking protocols such as RIP. OSPF, and EIGRP using Cisco Packet Tracer.

Gas Leakage Detector using Arduino
November 2016

It detects any gas leakage using a gas sensor. On detecting excess gas, it uses the solenoid valve to turn off the gas knob and alerts the user of a possible gas leak via their mobile.

CERTIFICATIONS

Neural Networks and Deep Learning
October 2017

Coursera

Certification URL: https://www.coursera.org/account/accomplishments/records/GXMBCVUMB2DA
License Number: GXMBCVUMB2DA

Introduction to Data Science in Python
March 2018

Coursera

Certification URL: https://www.coursera.org/account/accomplishments/records/9GYR36JWWVE5

License Number: 9GYR36JWWVE5

Applied Plotting, Charting & Data Representation in Python

April 2018

Coursera

Certification URL:
License Number:

Introduction to Cisco Networking

November 2017

Coursera

Certification URL: https://www.coursera.org/account/accomplishments/records/HDM4L6UPGM8L
License Number: HDM4L6UPGM8L

VOLUNTEERING

Society for Industrial and Applied Mathematics (SIAM), V.I.T

October 2016

Science and Technology

Technical speaker

Creativity Club (C.C), V.I.T

August 2017

Animal Welfare

Public Speaker

EXTRA CURRICULAR ACTIVITIES AND HOBBIES

Extra Curricular Activities

- Technical Team Member, Society for Industrial and Applied Mathematics (SIAM), VIT.
- Member of the VIT Creativity Club.
- Participated in "What The Hack 1.0" hackathon. Among Final 5 at the "What The Hack 1.0" hackathon in Bangalore. The hackathon was based on the Machine Learning, Natural Language Processing, Artificial Intelligence.
- Participated in HDFC Insured Techathon.
- An active participant in cultural activities of the college.

Hobbies and Interests

- Data Science
- Networking
- Reading Novels
- Exploring new places
- Video Games

LANGUAGES

English (Full Professional Proficiency), **Hindi** (Native Proficiency), **Punjabi** (Native Proficiency)