

SOURABH NAIK

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EXPERIENCES

ACCENTURE – Pune, India

Application Development Associate

Dec 2020 – Present

- Training and Developing on Salesforce CRM Platform and on Salesforce Lightning Platform using APEX programming.
- Developing class methods and functions using APEX for Salesforce Cloud Platform.

JPMORGAN CHASE & CO. – Pune, India

Software Developer, Virtual Internship

May 2020 – Jun 2020

- The first task was to interface with a stock price data feed and set up the system for analysis of the data.
- Implemented the Perspective open source code in preparation for data visualization.
- Third one used the Perspective an interactive visualization component for large and real-time datasets to create the chart for the trader's dashboard.
- Technologies involved where git for distributed version control, python, typescript and finance analysis.

INTELLEGRE LLC – Pune, India

Embedded Software Engineer Internship

Jan 2020 – May 2020

- Understood the concepts of PIC32MZ microcontroller and developed a Graphic User Interface (GUI) for a specific application using software's such as MPLAB X IDE and X32.
- Wrote firmware's for LCD, touch screen and various widgets like buttons, scroll bar and battery indicator and so on for GUI. Designing and testing PCB for the system using Express PCB/SCH.
- Held technical calls among the team members for effective execution of work and managed the deadlines for various things related to this internship.

PROJECTS

DATA LOGGER – Pune, India

Sep 2019 – Feb 2020

- Design and Developed hardware and software for this system to measure various physical variables.
- Physical parameters such as temperature, voltage, current etc., which are generally considered as varying signals, are measured by the designed Data Logger and stored in cloud.
- Written the code for the system using Embedded C and Arduino programming.

PREDICTION OF AUTOMOTIVE COMPONENT FAILURE CAUSES – Patna, India

Smart India Hackathon Software Edition, Sponsored Project of ARAI

Nov 2018 – Mar 2019

- Development of Convolutional Neural Network (CNN) algorithm in python was introduced in this system.
- The system takes various component failure images as its input and with the help of assigning importance to various aspects in the images the system then be able to differentiate one from the another.

ARDUINO BASED BLUETOOTH CONTROLLED SERVO MOTOR – Pune, India

Jan 2017 – Apr 2017

- Build a mobile application to control the motions of servo motor more precisely at remote location.
- Added web camera for remote monitoring of the motor and was selected as the top project in our department.

SKILLS

Technical: C, C++, Embedded C, Python, MATLAB, Java, SQL, HTML/CSS and XML

Concepts: Data Structures, Algorithms, Cryptography, Data Communication, Machine Learning, Processor, Object Oriented Programming (OOP) and Internet of Things (IOT)

Operating Systems: Windows 10 and Linux

PUBLICATIONS

- Published a paper entitled “**Classification of Types of Automobile Fractures Using Convolutional Neural Network**” in Springer- International Conference (ICMLIP-2019)
- Published **11 articles** till date on “**GeeksforGeeks**” related to **cryptography, encoding and decoding algorithms of data** which comes under **information theory and coding techniques**.

EDUCATION

VISHWAKARMA INSTITUTE OF TECHNOLOGY – Pune, India

Aug 2017 – Oct 2020

Bachelor of Technology, Electronics and Telecommunications (Cumulative GPA: 8.4 / 10)

CUSROW WADIA INSTITUTE OF TECHNOLOGY – Pune, India

Jun 2014 – Jun 2017

Diploma, Electronics and Telecommunications (Cumulative Percentage: 86.81%)