

SUMIT SINGH

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EDUCATION

Pranveer Singh Institue of Technology, Kanpur

8.52 CGPA

Bachelor of Tecnology (B.Tech) in Computer Science and Engineering

2017 - 2021

SKILLS

- **Languages:** Python, Java, C++, JavaScript
- **IT Constructs:** DS and Algorithms, DBMS, Competitive Programming, Development
- **Developer Tools:** Microsoft Visual Studio Code, GitHub, Linux, Windows, Eclipse
- **Technologies:** Spring Microservices, AngularJs, Bootstrap, Tailwind CSS, Flask
- **Database Tools:** Spring data JPA, MySQL

PROJECTS

Stock Price Prediction | *ML, HTML, CSS, JavaScript | Flask, ChartJS*

Oct 2020 – Feb 2021

- Developed a web-app that predict the short term values of the listed stocks
- Implement using ARIMA model with seasonality and trends
- Deploy the ML model with Flask framework
- Use the ChartJs for creating a interactive chart

Python Virtual Lab | *HTML, CSS, JavaScript | Python*

May 2018 – June 2018

- Developed the python modules pages using HTML, CSS as the fronend
- Implement the backend with MySQL, and connect backend with frontend
- It is designed with python modules and their visualisation for the students

WORK EXPERIENCE & OPEN SOURCE

Smart India Hackathon

Mar 2019

- Worked as Frontend Developer, on a problem of Miinistry of Statistics and Programme Implementation

IEEE PSIT Student Branch

Feb 2018 – Sep 2019

- Worked as a Web Developer, Technical Head, Represent the IEEE Student Branch in IEEE R10 Competition

Girl Script Winter of Code

Sep 2021 – Nov 2021

- Contributor in Frontend Development and Backend with Python

ACHIEVEMENTS & CERTIFICATION

- Published the paper ‘**PRE-PROCESSING AND PARTITION OF VOICE FOR SEMI-VOICE AUTHENTICATION**’ under IEEE Xplore Digital Library
- Finalist in **SMART INDIA HACKATHON SOFTWARE EDITION, 2019**
- Represented IEEE PSIT Student Branch in IEEE R10 website making competion
- Qualified the Qualification Round of **FACEBOOK HACKERCUP 2020**
- Secured global rank 1740, country rank 377, college rank 5, in **IEEE XTREME 12.0**