Tejasvi Gupta

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EDUCATION

National Institute of Technology,Warangal — Warangal, India
Bachelor of Technology in Biotechnology; CGPA:7.48 — *Aug. 2019 – Present*

Nosegay Senior Secondary School — Moradabad, India
Intermediate ; percentage : 81 — *April.2018*

Delhi Public School — Moradabad, India
High School ; CGPA : 10 — *April.2016*

EXPERIENCE

Google Summer of Code 2021, Student Developer — May 2021 – Present
The R Project for Statistical Computing — *Remote*
- Developed a new set of graphics system for ChemoSpec package in R using plotly and ggplot2 packages.
- Used tinytest package for testing the functions and Roxygen documentation for documentation.
- Explored ways to setup Github workflows.

PROJECTS

Pneumonia detection from X rays | *Python, Tensorflow, Keras* — July - August 2020
- Developed a deep learning model to predict pneumonia from X rays with an accuracy of 85 percent.
- Used CNN model for classification and VGG16 model for transfer learning.

TO-DO list web App | *Python ,Flask,* — December 2020
- Developed a simple todo list app with CRUD operations for adding ,deleting and updating the list .

Weather App | *React JS* — February 2021
- Developed a single page mobile web app for viewing the weather of the location.
- Used public openweather API for fetching the data.

A simple login Module | *React JS, Node JS, Express JS* — March 2021
- A simple single page webApp for authenticating users.
- Used mongodb atlas database to store the login details with React as fronted and express as backend .

GUI for database management | *Python , Tkinter, SQL lite* — May 2021
- Developed a simple GUI using tkinter where a user can input its information. The information gets stored in the locally created sql lite database.

Space Invader game | *Python ,pygame* — April 2021
- Developed the famous retro space game in python using pygame.

TECHNICAL SKILLS

Languages: Python, C++, R, SQL (MySQL), JavaScript, HTML, CSS
Frameworks: React, Node.js, Flask, Django, MongoDB, Express Js
Developer Tools: Git, Github, VS Code, postman
Libraries: Pandas, NumPy, Matplotlib, Django Rest Framework, flask, tkinter, ggplot2, plotly,Keras, Shiny

POSITION OF RESPONSIBILITIES

Web developer — March 2021 – Present
IGEM team — *Remote*
- Currently responsible for creating a website of the project for iGem competition.