# VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR

## MULA SIVA PRASAD BABU

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Mobile No       **:**+91-9392884114

Date of Birth     **:** 05-09-2003

My Portfolio website: https://sivamula-portfolio-website.vercel.app/

**OBJECTIVE :** A determined and motivated B. Tech. pre final year student, seeking an internship opportunity in your esteemed organization to gain experience of working and practical application in the challenging world to put my programming knowledge to good use.

## ACADEMIC QUALIFICATION

**Enrollment no :**BT21CSE129

**Branch of Study :** Computer Science & Engineering            **Current CGPA : 8.63/10**

| QUALIFICATION | INSTITUTE | YEAR | SCORE/SGPA | CGPA |
|---|---|---|---|---|
| B.Tech. 4th Semester | Visvesvaraya National Institute of Technology, Nagpur | 2023 | 8.48 of 10 | 8.63 of 10 |
| B.Tech. 3rd Semester | Visvesvaraya National Institute of Technology, Nagpur | 2022 | 7.74 of 10 | 8.68 of 10 |
| B.Tech. 2nd Semester | Visvesvaraya National Institute of Technology, Nagpur | 2022 | 9.18 of 10 | 9.19 of 10 |
| B.Tech. 1st Semester | Visvesvaraya National Institute of Technology, Nagpur | 2022 | 9.19 of 10 | 9.19 of 10 |
| CLASS XII (BIEAP) | Sri Viswa Junior College ,Visakhapatnam | 2021 | 98.9% | 98.9% |
| CLASS X (BSEAP) | Sri Chaithanya Techno School,Amalapuram | 2019 | 10 of 10 | 10 of 10 |

## CERTIFICATIONS

- **JPMorgan Software Engineering Virtual Experience Program on Forage** - March 2023
  -Used Perspective data visualization software and Python to monitor stock price trends and create trading strategies. https://drive.google.com/drive/folders/18KdSt4cctTKE4SLh0PFl73IvKkr_fxEQ?usp=drive_link
- **Goldman Sachs Software Engineering Virtual Experience Program on Forage** – July 2022
  -Worked on leaked password database. Analyzed results and propose uplifts to controls and policies.
  Certificate link:https://drive.google.com/drive/folders/1V3CultWCIg8h6oqION6MsLOs6E3cpT22?usp=sharing

- **Wells Fargo Software Engineering Virtual Experience Program on Forage** – July 2023
  -Developed data model for a new investment management system. Implemented data model using JPA. Certificate link:https://drive.google.com/drive/u/0/folders/1QK_RkYnxnWHodbDsIcO0rvb3O2Ccq97q

## PROJECTS/ACTIVITIES

- **Analysis of Indian Stock Market**                                                                 Oct 2022-Nov 2022

C Implementation:

  - Main tools Used: Arrays , Strings ,Array of Structures.
  - This is a data structure-based project that aims to evaluate different outcomes such as %change in stock price, highest performing stock, Lowest Performing stock etc..

  - https://github.com/Siva-Mula-03/Stock-Market-Analysis-Project

  Web Interface Implementation:

  - Main tools used: HTML ,CSS ,Bootstrap, JavaScript ,React Js.
  - It is a web application developed using React and utilizes React Hooks for state management and component logic which performs following functions listed below.
  - https://github.com/Siva-Mula-03/Stock-Market-Analysis-React_WebApplication


- **Assignment Management Software System**                                              FEB 2023-MARCH 2023

  Implemented using linked Lists:

  - Maintained Linked Lists for Student Records ,Assignment Records ,for students with same assignment.
  - Used Hashing for easy accessing of Assignment Records, Created a login system.
  - https://github.com/Siva-Mula-03/Assignment-Management-Software-System

  Implemented using AVL Trees:

  - Maintained AVL Trees for Student Records, Assignment Records with subtree for students with same assignment.
  - Implemented Range Search for each Records.
  - https://github.com/Siva-Mula-03/AssignmentManganementSystem_using_AVLTrees

- **Cancer Detection using Logistic Regression**                                           MAY 2023-JUNE 2023

  - Built a logistic regression model to identify correlations between the independent variables and the class of the tumor (benign or malignant).

  - https://github.com/Siva-Mula-03/Breast-Cancer-detection-using-Logistic-Regression

- **Expense Tracker MERN Application**                                                          JAN 2023-FEB 2023

  - Main Tools Used: HTML , CSS , JavaScript ,ReactJs, MongoDB , ExpressJs ,NodeJs
  - It helps users easily manage and track their expenses, facilitating budgeting and financial planning.
  - https://github.com/Siva-Mula-03/Expense_Tracker_MERN_Application

## COMPUTER PROFICIENCY

- **Programming Languages:** C , C++

- **Website Designing :** HTML ,CSS , Bootstrap, Javascript , ReactJs ,MongoDB ,ExpressJs,NodeJs

- **Software Packages:** Git , GitHub ,Visual Studio Code, Jupiter Notebook

- **Other:** Data Structures &Algorithms ,Object Oriented Programming, Microsoft Office

## POSITIONS OF RESPONSIBILITY

• **Training and Placement Coordinator (CSE'25 Batch).**

## ACHIEVEMENTS AND HONOURS

- Bagged **2nd position** in KSHITIJ IIT Kharagpur Maths Olympiad which was held during march in the year 2022.
- Secured **99.06%ile** in Joint-Entrance -Examination (JEE MAIN) 2021 B.E/B.TECH PAPER 1.
- Solved 600+ DSA Problems on LeetCode, Geeks for Geeks, 3 star coder at CodeChef.

## EXTRA CURRICULAR ACTIVITIES

- Volunteer in Prayaas Club,VNIT

- Campus Ambassador at Udghosh(Sports Club) of IIT Kanpur.

I hereby acknowledge that the information furnished above is correct to the best of my knowledge.

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