# Siva Nithin Gurram

gsivanithin18.github.io/webportfolio
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## EDUCATION

### NIT ROURKELA
B.Tech. in Electronics and Communication Engineering
2021-2025 (present)
CGPA: 8.14

### NARAYANA JUNIOR COLLEGE
Intermediate
2019-2021
Percentage: 98%

### NARAYANA HIGH SCHOOL
High School
2018-2019
GPA: 10/10

## LINKS

Github:// **gsivanithin18**
LinkedIn:// **sivanithingurram18**
Leetcode:// **gsivanithin**
GeeksforGeeks:// **gsivanithin**
HackerRank:// **gsivanithin**
Web Portfolio:// **gsivanithin18**

## SKILLS

### PROGRAMMING AND TOOLS
Programming Languages:
C • C++ • Python • SQL

Library/Frameworks:
Pandas • Numpy • Matplotlib
Seaborn • Scikit-learn
Beautiful Soup • Flask

Databases:
MySQL

Other Tools:
Jupyter Notebook

## COURSEWORK

### UNDERGRADUATE
Data Structure
Algorithm
Object Oriented Programming
Machine Learning
Data Analysis
Data Visualization

## PROJECTS

### HEART DISEASE PREDICTOR | Github | Video
- Developed a heart disease predictor based on **Logistic Regression**, KNN, and Random Forest algorithms, which achieved an accuracy rate of **88%**.
- Utilized **Pandas**, **NumPy**, and **Matplotlib** for data analysis and visualization.
- Developed a visually appealing web application using **Flask** as the backend for presenting the results.

### UBER DATA ANALYSIS | Github
- Analyzed Uber datasets to reveal key trends and insights for informed decision-making.
- Utilized **Python**, **Pandas**, and **Matplotlib** to extract valuable information and create impactful visualizations.

## ACHIEVEMENTS / CERTIFICATIONS

### IBM DATA SCIENCE PROFESSIONAL CERTIFICATE | Coursera
- Developed skills in data science, machine learning, and data analytics.
- Gained hands-on experience with Python, SQL, and Jupyter notebook.
- Completed a capstone project using real-world data to solve a business problem.

### COMPLETE MACHINE LEARNING AND DATA SCIENCE BOOTCAMP | Udemy
- Gained a comprehensive understanding of data science and machine learning concepts.
- Built several real-world projects using Python and other data science tools.

### PROBLEM SOLVING
- Solved over 250+ problems across several platforms like Leetcode, and GeeksforGeeks to enhance algorithmic thinking, data structures, and problem-solving abilities.

## ACTIVITIES / AWARDS

### TECHNICAL TEAM COORDINATOR | 3D NITR
- Part of 3D club of NITR which focuses on Data Science and Development. Initiated and organized data related hackathons and workshops.

### DATABASE MANAGEMENT EXPERIENCE | Innovision
- Managed the participants' data for Innovision, the Biggest Techfest in Eastern India.
- Used Microsoft Excel and other necessary tools to manage the data.