SHUBHAM KUMAR

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EDUCATION

RNS Institute of Technology, Bengaluru	Expected Jul 2024
Bachelor of Engineering, Major: Computer Science	CGPA:**8.52**
Sri Chaitanya Vidyaniketan, Visakhapatnam	June 2018
Higher Secondary School (CBSE), Major: PCM	Percentage:**77**
DAV Public School, Darbhanga	June 2016
Secondary School (CBSE)	CGPA:**9.8**

SKILLS

Programming Languages: C++ | Java **|** Python **|** JavaScript | HTML | CSS
Libraries: Pandas | Numpy | Sci-kit learn | Matplotlib | OpenGL | STL | React
Databases: SQL
Others: Data Structures & Algorithms **|** GitHub | Design | Object Oriented Programming (OOP) | AWS
Soft Skills: Communication | Leadership | Report Preparation | Presentation & Project Management

PROJECTS

• **Win the Space Race:** (Data Analysis & Machine Learning)   **06/2023**   Project Link
  - Optimizes bids and reduces costs for space missions while competing with industry giants like **SpaceX.**
  - Implemented comprehensive data collection, evaluation & ML techniques for large and complex datasets.
  - Significantly contributed to cost-saving initiatives, resulting in a 60% budget reduction for any **startup.**
    - Using: REST API | Scikit Learn | Web scraping | Classification Trees | Regression & Clustering.

• **Optimizing U.S. Airline Performance: An In-depth Analysis**   **04/2023**   Project Link
  - Analysed historical data from US airlines over the past 15 years & their functionality across various cities.
  - Deployed the Dashboard using the **AWS EC2** cloud services for **dynamic dashboard page loads**.
    - Using: Jupyter Notebook | Python | Web Technologies | Dash | AWS

• **Cinema 4D**   **12/2022**   Project Link
  - We've crafted a cutting-edge movie search app, seamlessly integrating with TMDB's movie database.
    - Using: HTML | CSS | React js | TMDB | API calls

• **Archery Game: TUF GAMING @RNSIT**   **11/2022**   Project Link
  - Uses the **OpenGL** library of C++ to implement an arrow trajectory and collision detection game..

COMPETITIONS AND HACKATHONS

• **SPARKATHON: 23 – Walmart:** Forecasted sales for 30 Walmart stores using Data Science and ML.
• **BlackCoffer Consulting:** Completed a NLP Project analysing over 1.5 lakhs data, for a consulting firm.
• **Coding Ninja Slayground** -A Worldwide **21-**day coding contest.
• **BigO coding contest**- **3rd** out of 300+ participants
• **Volunteer**- Contributed in **Cancer** Control Activities

CODING PROFILES

Codechef**: 4 STAR** (Highest Ratings: **1812**)	Profile: noobcoder991
Leetcode: **350+** DSA Problems	Profile: Noob_coder91
Hackerrank: **4 STAR**	Profile: shubham_chy2001

CERTIFICATES

IBM Professional Data Science Certificates | **Udemy** Web Developer's Bootcamp | **GFG**: STL Certificate

HOBBIES

• Cooking   • Esports   • Cricket   • Travelling