

MOHAMMAD GUFFRAN

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CAREER SUMMARY

Final-year B.Tech student with a well-rounded skill set across **Software Development, Full-Stack Web Development, Machine Learning**, and **Data Science**. Proficient in modern programming languages (C++, Python, JavaScript) and frameworks including **React, Node.js, TensorFlow**, and **MongoDB**. Demonstrated strong problem-solving abilities by solving **100+ LeetCode** and **40+ GFG** problems. Experienced in developing impactful projects ranging from web platforms to predictive ML models. I am a quick learner with a passion for building scalable solutions, optimizing performance, and contributing to cross-functional teams. Open to roles in software engineering, data science, AI/ML, and web development.

EDUCATION

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| Bachelor of Technology JNUTH UCETH, Hyderabad | 2022 - 2026 |
| Intermediate (MPC) Telangana State Board of Intermediate Education | |
| Hyderabad Institute of Excellence, Hyderabad | 2019 - 2021 |
| Secondary School of Education Excellent High School, Manuguru | 2019 |

TECHNICAL SKILLS

Languages: C, Python, JavaScript, Java

CS Fundamentals: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Database Management Systems (DBMS), Operating Systems (OS), Computer Networks (CN)

Machine Learning & AI:

Python, Scikit-learn, TensorFlow, Pandas, NumPy, Matplotlib, Jupyter Notebook

Algorithms: Regression, Classification, Clustering, Neural Networks, Natural Language Processing (NLP)

Data Science:

Data Cleaning, Exploratory Data Analysis (EDA), Feature Engineering, Model Evaluation

Tools: SQL, Power BI, Excel

Full-Stack Web Development (MERN Stack):

Frontend: React.js, Angular, HTML, CSS, Tailwind

Backend: Node.js, Express.js, MongoDB, Mongoose

Tools & Technologies: Git, Postman, Supabase, REST APIs, JWT Authentication

Problem Solving & Competitive Programming:

Platforms: LeetCode (110+ problems), GeeksforGeeks (40+ problems)

PROJECTS

REDBUS CLONE

TECH STACK: ANGULAR, NODE.JS, EXPRESS, MONGODB (MEAN)

Developed an eco-friendly travel module that calculates carbon footprint per trip, applies fare discounts, and supports multilingual booking.

GEMINI AI CLONE – CHATBOT WEB APP

TECH STACK: REACT.JS, NODE.JS, EXPRESS.JS, MONGODB, TYPESCRIPT, GOOGLE API

Built a conversational ai web application replicating Gemini ai functionalities, with intelligent response generation and secure user interaction.

STUDENT TRACKER DASHBOARD

TECH STACK: REACT.JS, NODE.JS, EXPRESS.JS, MONGODB, SUPABASE

Designed a dashboard to track daily activities, study plans, and expenses using real-time data management and visual Ui components.

AIRLINE DATASET ANALYSIS

TECH STACK: NUMPY, PANDAS, MATPLOTLIB, SEABORN

Performed EDA on passenger data from multiple airlines to identify trends, seasonal patterns, and performance metrics (Udemy project).

STOCK PRICE PREDICTION

TECH STACK: PYTHON, SCIKIT-LEARN, PANDAS, MATPLOTLIB

Implemented regression models to predict stock prices using historical market data, focusing on trend analysis and visualization.

PROFESSIONAL DEVELOPMENT AND CERTIFICATION

[Decode DSA with Java | pwskills](#)

[Masterclass on Data Science | Udemy](#)

[Web Development | Null Class](#)

[AI & ML by Simple Learn | IBM Skills Build](#)

ACHIEVEMENTS

Selected for National Level Chakumukhi Talent Test on the project Vertical and Horizontal Lift and State level in National Children Science Congress.

Bagged 1st place in Table Tennis at Smruthi Event conducted in JNTUH UCESTH.

Secured Silver Medal in Karate conducted at District Level in Kothagudem.

HOBBIES

Competitive Coding, Gaming, Peer Teaching, Building Side Projects, solving logical puzzles, Dancing, Singing, Lyrics Writing, Music Composing