

# TANISH CHAVAN

+91 6304796908 | [chavantanishraj123@gmail.com](mailto:chavantanishraj123@gmail.com)



## SUMMARY

Tanish Chavan is a B.Tech Computer Science Engineering student pursuing his degree at JNTUH College of Engineering, Sultanpur, maintaining an impressive 83% academic record. Passionate about technology and innovation, he has developed strong skills in C++, Python, Java, and Full Stack Web Development, with a particular focus on the MERN stack. He has a dedicated focus on mastering Data Structures and Algorithms (DSA), consistently sharpening his problem-solving abilities through coding challenges and hands-on practice.

In addition to his core technical pursuits, Tanish is expanding his expertise in Machine Learning, Excel, Power BI, R Studio, and Digital Marketing to build a versatile and future-ready skill set. With a drive for continuous learning and creative thinking, he aims to deliver impactful solutions and grow as a dynamic professional in the tech industry.

## EDUCATION

- **JNTUH College of Engineering** Nov 2022 - Apr 2026  
*Bachelors degree in Computer Science*  
Sultanpur, Telangana ,India
  - Grade:83
- **Akshaya Junior College** July 2020 - Apr 2022  
*Intermediate Education*  
Sangareddy, India
  - Grade: 98
- **Karuna High School** June 2007 - Apr 2020  
*Secondary Education*  
Sangareddy, India
  - Grade: 100

## PROJECTS

- **Project A: Disease Prediction & Treatment** April 2024 - July 2024
  - \* **Objective:** The purpose of the Disease-Based Symptom Prediction Project is to utilize machine learning technology to enhance the efficiency of disease diagnosis. The project aims to provide a reliable tool for predicting diseases based on symptoms, addressing growing healthcare demands and the limitations of traditional diagnostic methods.
  - \* **Machine Learning Algorithms:** The project focuses on implementing robust machine learning algorithms, including Support Vector Machine (SVM), Naive Bayes, and Random Forest, to analyze symptom data and provide accurate disease predictions.
  - \* **User-Friendly Interface:** The goal is to integrate these algorithms into an easy-to-use interface, streamlining the diagnostic process, improving patient outcomes, and reducing the workload of healthcare professionals.
  - \* **Importance:** This project emphasizes the importance of leveraging technology to advance healthcare solutions and improve disease prediction accuracy.
  - \* **GitHub Repository:** <https://github.com/tanishchavaan/disease-prediction>
- **Project B: AI-based Climate Change Prediction and Mitigation** Sep 2024 - Nov 2024
  - **Objective:** Design an AI model to predict and mitigate climate change impacts using historical climate data, environmental conditions, and human activities.
  - **Goal:** To provide valuable insights for policymakers and organizations, enabling informed climate action plans.
  - **Alignment with SDGs:** Directly contributes to UN Sustainable Development Goal 13 by fostering climate action through data-driven decision-making.
  - **Focus Areas:** Analyzes climate data trends, predicts future climate scenarios, and supports sustainable development practices.
  - **GitHub Repository:** <https://github.com/tanishchavaan/climate-change>

## SKILLS

- **Programming Languages:** C++, Python, Java (Basics), Object-Oriented Programming (OOPs Concepts)
- **Web Technologies:** HTML, CSS, JavaScript, MERN Stack (MongoDB, Express.js, React.js, Node.js)
- **Data Science Machine Learning:** Machine Learning, Scikit-learn, Pandas, NumPy, Matplotlib
- **Soft Skills:** Problem Solving, Time Management, Critical Thinking, Adaptability
- **Microsoft Office:** MS Word, MS Excel, MS PowerPoint
- **Version Control:** Git, GitHub , Docker