TANISH CHAVAN

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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