

Madhur Achanta

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[Portfolio](#) || [LinkedIn Profile](#) || [Geeks For Geeks Profile](#) || [Leetcode Profile](#) || [GitHub Profile](#)

EDUCATION

- Bachelor of Technology in Computer Science and Engineering** 2022-2026
Sri Vasavi Engineering College, Tadepalligudem Grade – **9.37 CGPA**
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SKILLS AND STRENGTHS

- Proficient in C, Python, Core Java, Java Collections, Algorithms, C++ STL, Oracle SQL, HTML, CSS.
 - Experienced with Excel and Data Analysis libraries such as NumPy, Pandas, Seaborn, Matplotlib, Sklearn.
 - Intermediate in Data Structures and Algorithms, MS Word, PowerPoint, React Native, Excel, skilled in STL.
 - Implemented Machine Learning algorithms related to Regression, Decision Tree, CNN & RNN.
 - Demonstrated team leadership by successfully guiding projects and enhancing collaboration.
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PROJECTS

- Developed a fully responsive personal portfolio website using React, Tailwind CSS, and Framer Motion, showcasing technical projects, certifications, and leadership roles, optimized for mobile and SEO performance.
 - Leveraged AI techniques to develop “Alarmify”, a React Native personal assistant integrating calendar-based task scheduling, push notifications, and an automated alarm system using the Notifications API.
 - Implemented a website that summarizes YouTube videos using Natural Language Processing (NLP), achieving summaries of any video length in under 10 seconds.
 - Trained a model for Skin cancer detection using Convolutional Neural Networks (CNN) in 2024.
 - Developed a model for Brain Tumor detection using Convolutional Neural Networks (CNN) in 2024.
 - A machine learning model for classification of ECG reports into normal and abnormal condition using Convolutional Neural Networks (CNN) with validation accuracy of 90%.
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PROFESSIONAL ACCOMPLISHMENTS

- Spearheaded multiple events as the Head of Event Management at Blackbox Student Community, driving engagement and participation.
 - Solved 820+ problems and achieved a 2000+ coding score on GeeksforGeeks using C++ & Java maintained a 230+ day Problem of the Day streak, demonstrating consistent algorithmic problem-solving.
 - Earned top honors in a debate on Drug de-addiction among 50 students in 2nd Semester of B.Tech.
 - Developed and pitched a start-up idea on P2P lending, securing 3rd place among 12 teams in an intra-college competition.
 - Managed a team of 10 to the final round of a hackathon and served as Class Representative.
 - Organized a workshop on business metrics for 60 MBA final-year students, enhancing their analytical skills in the 5th semester.
 - Achieved 2nd position in the college during Higher Secondary Education (+2), with a total of 974 marks.
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CERTIFICATIONS

- Presented research on "Automated YouTube Video Summarizer using Llama-3-8b" at the Springer 2nd International Conference on CSEAI 2024, hosted by California State University, USA, and PSCMR CET Vijayawada, India. The paper is under the process of Scopus indexing.
- Achieved certification in Microsoft certified: Azure AI fundamentals (AI-900) certification.
- Earned Cloud Computing and Internet of Things certifications from NPTEL in 2024.
- Completed Excel Bootcamp conducted by Let's Upgrade in collaboration with NSDC and ITM Edutech.
- Successfully completed English Strokes and Career Strokes course from British Council.
- Earned certification in SEBI (Securities and Exchange Board of India) investor certification examination by the National Institute of Securities Markets (NISM) with a score of 44 out of 50.