

# Sree Nihaar Chaturvedula

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🐙 [github.com/SreeNihaar](https://github.com/SreeNihaar)

📍 Guntur, Andhra Pradesh

🔗 [sreenihaar.github.io/my-portfolio](https://sreenihaar.github.io/my-portfolio)

Course	College/University	Year	CGPA/%
B.Tech Computer Science and Engineering	University College of Engineering Kakinada	2021-Present	8.5
Intermediate	Sri Chaitanya Jr. College, Narasaraopet	2019-2021	98.3%
SSC	Hindu High School, Narasaraopet	2018-2019	10.0

## SUMMARY

- Enthusiastic Programmer and Developer with a passion for learning and adapting to new technologies, eager to tackle new challenges and explore Machine Learning and Web Development projects in dynamic environments.

## PROFESSIONAL EXPERIENCE

- Engineering Intern**, FactSet Research Systems Inc. [ January 2025 - Present ]
  - Migrating the on-premises Spain Feed Handler package to AWS cloud to improve scalability and performance.
  - Optimizing C++ code for efficient data ingestion and transmission from global stock exchanges.
  - Troubleshooting and resolving system migration issues while ensuring system reliability.
  - Working with cloud infrastructure (AWS), Jira, and internal tools to support development workflows.

## PROJECTS

- Multiplayer Chess Game | HTML, CSS, JavaScript** 🌐 [ June'24 - July'24 ]
  - Developed a fully responsive multiplayer chess game using HTML, CSS, and JavaScript, enabling two players to play on the same device with a smooth and intuitive user interface optimized for both desktop and mobile devices. The game features real-time move validation, dynamic interactions, responsive design, and smooth animations for an engaging gameplay experience. The live demo and source code are available on GitHub, showcasing clean, maintainable, and cross-platform compatible code.
- Rock Paper Scissors Game | HTML, CSS, JavaScript** 🌐 [ May'24 - May'24 ]
  - Developed an interactive Rock-Paper-Scissors web application using HTML, CSS, and JavaScript. Implemented the game logic to handle user and computer selections, determine the winner, and update the score dynamically. Enhanced the user experience with real-time visual feedback and score tracking through DOM manipulation and event-driven programming. Deployed the project on Github.
- Customer Segmentation Using K-Means Clustering** 🌐 [ May'23 - June'23 ]
  - Pre-processed and visualized the customer data to identify significant patterns in Age, Spending Score, and Annual Income. Applied K-means clustering to segment customers into four clusters based on age and spending score and five clusters based on Annual Income and Spending Score. Utilized Python libraries such as Pandas, NumPy, Scikit-Learn, Matplotlib, and Seaborn to enhance customer segmentation and drive data-informed marketing strategies.

## TECHNICAL SKILLS AND SOFT SKILLS

- Programming Languages:** C, C++, Python, Java(Basics)
- Data Analysis & Visualization:** Numpy, Pandas, Matplotlib, Scikit-learn, Seaborn
- Web Development:** HTML, CSS, JavaScript, React(Basics)
- Other Skills:** Data Structures and Algorithms, Git, SQL, Cloud, Operating System Fundamentals.
- Soft Skills:** Problem Solving, Communication, Adaptability, Team Collaboration, Time Management

## ACHIEVEMENTS

- Solved 500+ Leetcode Problems. 🌐
- Achieved 6 star in Problem Solving in HackerRank.
- Achieved University Appreciation Award for Students for Best Academic Performance.
- Member of the College Super 40 Coding Crew.

## CERTIFICATES

- Achieved Gold Certificate in Smart Interviews Smart Coder DSA Batch-36.
- Achieved Intermediate SQL Certification from HackerRank.
- Completed "Supervised Machine Learning: Regression and Classification" in Coursera.