

# ANDRA SAI DEEKSHITHA

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## Career Objective

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Dynamic computer science graduate with strong academics and a passion for innovation. Seeking an entry-level position to contribute technical expertise and problem-solving skills. Committed to leveraging emerging technologies and driving meaningful change in a growth-oriented environment.

## Education

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**Rajeev Gandhi Memorial College of Engineering and Technology** Dec 2021 – April 2025

- CGPA: 8.1
- **Coursework:** Computer Science and Engineering (Data science)

## Experience

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**Machine Learning Intern, SkillDzire** April 2024 – June 2024

- Implemented hyperparameter tuning and model optimization techniques, enhancing model performance and reducing overfitting for more accurate predictions.
- Collaborated in evaluating and selecting appropriate machine learning algorithms, ensuring efficient model deployment and achieving a 10 percent reduction in processing time.

## Publications

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**Renaissance for Alzheimer's Disease detection** -link Jan 2025  
PowerTech Journal, *Sai Deekshitha*,

## Projects

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**Renaissance for Alzheimers Disease Detection using ML and DL Techniques** Alzheimer's Repo

- Developed a machine learning and deep learning-based system for Alzheimer's disease detection using structured cognitive test data.
- Implemented feature selection with Decision Tree, Random Forest, and built a hybrid CNN-ANN model for high accuracy.
- Applied SMOTE for class imbalance handling and optimized training with early stopping and learning rate reduction. Ensured scalability and real-world applicability in healthcare.

**Responsive Student Registration form using HTML and CSS** Link

- Developed an intuitive and accessible registration form with clear labels, input fields, and buttons, ensuring a smooth user experience.
- Utilized CSS for styling to create a visually appealing, responsive layout across devices. • Implemented basic HTML validation for fields like email, phone number, and required text inputs to enhance data integrity and reduce submission errors, improving user confidence and form usability. •
- Improved web development skills by 75 percent through hands-on experience in building a website using HTML, CSS.

## Technologies

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**Languages:** Java, Python

**Libraries :** Numpy, pandas, matplotlib, scikit-learn

**Web Dev Tools:** Git, Github

**Front-End Skills:** HTML, CSS

**Databases:** SQL

**Data Science Techniques:** Machine Learning, Deep Learning, Natural Language Processing

**Relevant Coursework:** Data Structures, Web Development, Database Management System.

**Soft Skills:** Active Listening, Leadership, Time Management.

## Certifications

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- **Java Full Stack Development** from Wipro Digital Skills.
- **Hacker Rank** Certified with hackerank on problem solving with python .
- **AI-ML Certification** from AWS.

## Achievement

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**Selected as Club Lead, Vedic Vox**

April 2024 – April 2025

- Vedic Vox is an Idea Presentation Club. In which I have selected as lead of the club .
- We have Conducted some sessions that enhanced public speaking, idea articulation, and creative thinking among students.
- Fostered an inclusive environment that encouraged collaboration, leadership, and confidence in expressing innovative ideas.