

K Yagnesh Reddy

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EDUCATION

- Institute Of Aeronautical Engineering** Hyderabad, India
Bachelor of Technology - Computer Science And Engineering - Data Science; GPA: 7.82 November 2022 - present*
- Sri Chaitanya Junior College** Hyderabad, India
TGBIE - MPC; percentage: 96.6 July 2020 - March 2022
- Mount Basil High School** Mahabubnagar, India
CBSE; Marks: 451/500 March 2020

INTERNSHIPS

- AI: Transformative Learning with TechSaksham, Edunet Foundation** Remote
AI Intern Dec 2024 - Feb 2025
 - Analyzed shopping trends using Python libraries (NumPy, Pandas, Matplotlib, Seaborn, Plotly) for customer behavior analysis.
 - Identified key factors affecting shopping trends including purchase frequency and seasonal variations through data visualization.
- Data Science Using Python, NSIC** Remote
Field Project Intern July 2023 - Aug 2023
 - Applied machine learning algorithms using Python libraries (Scikit-learn, Pandas) for rainfall prediction models.
 - Developed accurate prediction models through real-world data analysis and problem-solving applications.

PROJECTS

- Expense Tracker with Budget Management - Full Stack Web Application:** GitHub
 - Built full-stack expense tracking app using React with Redux, Express backend, and MongoDB for financial data storage
 - Implemented JWT authentication, budget alerts, and D3.js visualizations with exportable PDF/CSV reports.
- Offline Translator - Language Translator App with OCR & Voice Input:** GitHub
 - Developed offline multilingual translation app with real-time text, image (OCR), and voice translation capabilities.
 - Implemented Google ML Kit with intuitive UI, dark/light mode support, and automatic language detection.
- Personal Portfolio Website - Modern Responsive Portfolio:** GitHub
 - Built responsive portfolio using ReactJS with Tailwind CSS, featuring dark/light mode and Framer Motion animations.
 - Created component-based architecture with categorized skills section displaying official technology logos, hover effects, and interactive coding profile cards with platform integration.

CERTIFICATIONS

- Become a Python Data Analyst, Wingspan — Infosys Springboard - May, 2025
- TCS CodeVita Season 12 Rank, TCS (Tata Consultancy Services) - Apr, 2025
- Design and Analysis of Algorithms, NPTEL - September, 2024
- Introduction to Database Systems, NPTEL - April, 2024
- Data Science Using Python, NSIC - July, 2023
- Programming, Data Structures and Algorithms, NPTEL - September, 2023
- Python for Data Science, NPTEL - February, 2023

SKILLS SUMMARY

- Languages:** Python, JAVA, C, SQL
- Web Dev:** HTML, CSS, JavaScript, ReactJS, Express.js, Node.js, MongoDB
- Libraries:** Numpy, Pandas, Matplotlib, Sklearn, TensorFlow
- Soft Skills:** Leadership, Team Management, Logical Reasoning, Project Management, Communication Skills

ACHIEVEMENTS

- TCS CodeVita 2024 Qualifier:** Cleared Round 1 of TCS CodeVita, demonstrating strong problem-solving skills. - December, 2024
- President of The Compendium:** Leading an 80-member college club, managing event coverage, and overseeing newsletter publications to foster campus engagement. - present
- Quick Innovation Challenge, Institute of Aeronautical Engineering:** Achieved 2nd place as part of a three-member team, showcasing innovative solutions under competitive conditions. - January, 2024

CODING PROFILES

- Leetcode:** yagneshreddykoramoni • 350+ Problems
- HackerRank:** yagneshreddykor1 • Python - 5star • Java - 3star • SQL - 4star
- CodeChef:** yagneshreddyyy • 130+ Problems
- GeeksForGeeks:** yagneshredd6ut1 • 30+ Problems • 100+ Score • Campus Rank - 720