

# ANUPALA SANKETH REDDY

📞 9347-316-441 ✉ [sankethreddyanupala@gmail.com](mailto:sankethreddyanupala@gmail.com) 💻 [sanketh-reddy-667b062a4](#) Portfolio: [sankethportfolio.netlify.app](https://sankethportfolio.netlify.app)

## Professional SUMMARY

Aspiring Machine Learning Engineer, Data Analyst and Front-End Developer with a passion for turning raw data into meaningful insights and intelligent solutions. Skilled in C, Python, Java and Machine Learning Algorithms, SQL, data visualization tools. I enjoy solving real world problems through data driven decision making. With a strong foundation in machine learning algorithms, predictive modelling, and analytics, I aim to create impactful solutions that bridge data and business value. Alongside my technical expertise, I bring strong communication, team work, problem-solving skills, making me adaptable and effective in collaborative environments.

## SKILLS SUMMARY

- **Domains:** Data Analytics, Machine Learning, Front-End development
- **Languages and Frameworks:** Python, Java, C, SQL, Data Structures and algorithms, Streamlit, React.js, TailwindCSS
- **Tools and Platforms:** MySQL, MS Excel, VS Code, Jupyter Notebook, Big-Query, Spreadsheets, PowerBi, HTML, CSS.
- **Soft Skills:** Logical Thinking, Project Management, Teamwork, Time Management, Leadership, Effective Communication

## EXPERIENCE

- **Nel Tech Edu** December 2024  
*Java Programming intern*  
Built 5+ Java applications demonstrating OOPs concepts. Gained hands on experience with Java collections, exceptional handling and file input/output
- **Ediglobe Solutions** May 2024 – July 2024  
*Machine Learning and Python intern*  
Developed and deployed 2+ ML models using python and scikit learn. Handled data preprocessing, feature engineering and model evaluation. Applied concepts in real- world problem solving scenarios.

## PROJECTS

- **Child Health Tracking using ML:** Developed and deployed an ML-based fetal health check up during pregnancy based on maternal condition. Implemented Random Forest Classifier. Improved model accuracy to 89% using preprocessing and feature extraction there by improving risk detection during pregnancy by 20%.  
**Tech Stack: Python, Flask, Scikit-learn, Pandas, Numpy**
- **Coronary Heart Disease Prediction:** Developed ML based model to predict coronary heart disease risk. Used logistic regression and random forest for classification. Improved model accuracy to 87% using feature engineering.  
**Tech Stack: Python, Scikit-learn, Pandas, Numpy**
- **Use of ANN to identify fake profiles:** Used Artificial Neural Networks to identify fake profiles in social media platforms. It contains 200 input neurons and 200 hidden neurons and two output neurons and achieved an accuracy of 90% with the dataset provided. Used html and css to deploy the model using flask.  
**Tech Stack: Python, scikit-learn, HTML, CSS, Flask.**
- **T20 WC Data Dashboard:** Developed an interactive Power BI dashboard to analyze ICC T20 World Cup match data containing 500+ matches, including team performance, player statistics, match outcomes, and scoring trends. Designed dynamic visualizations and KPIs to provide insights into batting, bowling, and match-winning factors for better strategic analysis.  
**Tech Stack: Pandas, Spreadsheets, SQL, DAX, PowerBi**

## EDUCATION

- **St. Martin's Engineering College** Hyderabad, India  
*Bachelor of Technology - Computer Science and Engineering (AI & ML); GPA: 8.63* November 2022 - July 2026\*  
*Courses: Operating Systems, Data Structures, Artificial Intelligence, Machine Learning, DBMS*
- **Sri Chaitanya Junior College | TSBIE** Hyderabad, India  
*Senior High School; Percentage: 98.4* 2020 - 2022  
*Courses: Mathematics, Physics, Chemistry, (MPC) English, Informatics Practices*
- **Sri Sai Public School | ICSE** Patancheru, India  
*Secondary Schooling; Percentage: 94.66* 2020  
*Courses: Java Programming, Mathematics, Physics, Chemistry, English, Biology, History and Geography, Telugu*

## WORKSHOPS & WEBINARS

- Attended a workshop on Data analytics in TAM at St. Martin's Engineering College, Secunderabad 2025

## Courses and Certificates

- **Google** May 2025  
Data Analytics Foundation Course completion
- **NelTech Edu** December 2024  
Java Internship completion
- **Ediglobe** July 2024  
Machine Learning Course and Internship Completion

## EXTRACURRICULARS

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- **Lead of TAM V12** | Lead of Stage Crew | Led a 5-member stage crew during TAM V12, managing event logistics, stage transitions, and technical setups for 500+ attendees.
- **Member of TAM VX, V 11** | Member of Stage Crew | Coordinated stage operations for speaker sessions, ensuring smooth transitions and technical support during TAM VX and V11 events.
- **Member of College Sports team** | Cricket Team| SMEC

## LANGUAGES KNOWN

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- English
- Hindi
- Telugu