ANUPALA SANKETH REDDY

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Portfolio: https://wonderful-empanada-d3529e.netlify.app/

Professional SUMMARY

Driven and detail-oriented Computer Science and Engineering student specializing in Artificial Intelligence and Machine Learning. Skilled in Python, C, and Java with hands-on experience in developing machine learning models, performing data analysis, and building end-to-end ML pipelines through academic and personal projects. Proficient in tools such as Pandas, NumPy, Scikit-learn, and visualization libraries like Matplotlib and Seaborn. Adept at extracting insights from data and applying statistical and predictive modelling techniques. Actively seeking opportunities in Data Analytics or Machine Learning roles to contribute analytical thinking, problem-solving skills, and a strong foundation in AI to real-world business challenges.

SKILLS SUMMARY

- **Domains:** Data Analytics, Machine Learning, Front-End web development
- **Languages and Frameworks:** Python, Java, C, SQL, Data Structures and algorithms, React.js, Scikit-Learn, Pandas, Numpy, Matplotlib, Seaborn, XGBoost, Power BI, Tableau, HTML, CSS, Tailwind CSS.
- **Tools and Platforms:** MySQL, MS Excel, VS Code, Jupyter Notebook, Kaggle, Power Bi Desktop, Tableau Desktop
- **Soft Skills:** Logical Thinking, Project Management, Teamwork, Time Management, Leadership, Effective Communication

EXPERIENCE

- **Neltech 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

- **Machine Learning Studio:** I built an interactive Machine Learning Studio web application that allows users to upload datasets, analyze data, train multiple ML models (classification/regression), and make predictions using either CSV files or manual inputs. The backend is powered by FastAPI, while the frontend is developed using React.js and Tailwind CSS with a modern, animated UI. The system dynamically selects the best-performing model and supports both single-model training and full-model comparison. It's a complete end-to-end solution for data-driven ML workflows, designed to be user-friendly and visually engaging. Deployed using rendor.com and netlify.com.
  Tech Stack: Python, React.js, Tailwind CSS, Pandas, NumPy, FastAPI, Scikit-Learn
- **Portfolio Website:** I developed a clean and modern personal portfolio website using React.js and Tailwind CSS, showcasing my skills in machine learning, data analytics. The site features stylish sections like Hero, About Me, Projects, Certificates, Skills, and Contact Me, all enhanced with Framer Motion animations, responsive design. Deployed using Netlify.com.
  Tech Stack: Python, React.js, Tailwind CSS, Pandas, Netlify.
- **Child Health Tracking using ML**: Developed and deployed an ML-based fetal health checkup 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, Excel, 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.

Courses and Certificates

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

EXTRACURRICULARS

- **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

- English

- Hindi

- Telugu