

CHANCHALA SAI GOWTHAM

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SUMMARY

Final-year Computer Science student focused on Data Science and applied analytics. Hands-on experience in data preprocessing, exploratory analysis, and machine learning. Proficient in Python and SQL with exposure to batch data workflows and cloud environments.

EDUCATION

CMR University

B.Tech in Computer Science

CGPA: 7.9

2022 – 2026 (Expected)

Coursework: DBMS, Data Mining, AI, Machine Learning, DSA.

EXPERIENCE

Beta Tester (Confidential Program)

OPPO 2025 – Present

- Testing unreleased smartphone devices under strict confidentiality
- Performing functional, performance, and regression testing
- Evaluating device behavior across multiple real-world usage scenarios
- Reporting issues through OPPO internal feedback system
- Logging structured bug reports with clear reproduction steps
- Verifying fixes after monthly OS updates

Data Preprocessing Intern

LucidML, Bangalore Oct 2025 – Jan 2026

- Processed large datasets using Python scripts in Jupyter Notebook
- Executed and monitored batch data processing workflows on VM environments
- Performed data validation and preprocessing to ensure dataset quality
- Identified processing failures and resolved issues during pipeline execution
- Maintained structured datasets for downstream analytics workflows
- Gained practical exposure to data processing pipelines and SDLC

AI Intern

AICTE – TechSaksham (Microsoft & SAP) Feb – Apr 2025

- Worked on Medical Imaging Data Analytics project
- Performed data cleaning and preprocessing using Pandas and NumPy
- Conducted exploratory data analysis on symptoms and disease patterns
- Generated visual insights using bar and line charts
- Built a Streamlit dashboard to present analytical summaries
- Presented system workflow and project outcomes

SKILLS

Programming: Python, SQL

Databases: MySQL, MongoDB

Libraries: Pandas, NumPy, Matplotlib

Tools: Git/GitHub, VS Code, Jupyter, PyCharm

Testing: Manual testing, Bug reporting

Soft Skills: Problem-solving, Communication, Teamwork

PROJECTS

AI-Financial Document Fraud Detection System (IEEE Publication)

Python, CNN, OCR 2026

- Developed a multi-modal system to detect forged financial documents using deep learning and OCR
- Utilized multiple OCR engines to extract invoice fields including totals and vendor details
- Trained a CNN model to identify visual tampering patterns in financial documents
- Implemented semantic validation logic to cross-check extracted data fields
- Built a Flask-based web interface to upload invoices and visualize detection results
- Research work accepted for publication in an IEEE conference

ResQ – Disaster Analytics System (Group Project)

Python, AI Concepts, Satellite Data, Data Analysis 2025

- Explored AI-based disaster response systems using satellite and aerial imagery data
- Performed basic data validation and analysis using Python
- Assisted in interpreting disaster-related data patterns for response planning
- Contributed to system workflow documentation and project presentations
- Project received awards at CAUSE 2025

Medical Imaging Data Analytics System

Python, Pandas, Matplotlib, Streamlit 2025

- Performed data cleaning and preprocessing using Pandas
- Conducted exploratory analysis on symptoms and diseases
- Generated bar and line graphs using Matplotlib
- Built Streamlit dashboard for non-technical users

CERTIFICATIONS

- OCI Data Science Professional – Oracle (2025)
- OCI Generative AI Professional – Oracle (2025)
- Data Analysis Essentials – Microsoft & LinkedIn (2025)
- Python (Basic) – HackerRank (2025)
- SQL (Basic) – HackerRank (2025)

ACHIEVEMENTS

- Research Paper Accepted for Publication at IEEE ICDCA 2026
- First Runner-Up – CAUSE 2025 (ResQ)

LEADERSHIP

Rotaract Member

- 60+ hours community service
- Tree plantation and disaster relief activities
- Career guidance sessions for students

ADDITIONAL

Languages: English, Hindi, Kannada, Telugu; basic Tamil

Interests: Writing, Movies, Vibe Coding

Co-curricular: Active participant in technical workshops and hackathons