Gathala Benny Thomas

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Profile Summary

Final-year Computer Science Engineering student (2026) with a strong foundation in algorithms, data structures, and software design. Experienced in Python, C, and Java, with hands-on development using Flask, Django, and deep learning frameworks. Passionate about building scalable, efficient systems and contributing to impactful software engineering roles.

Skills

Programming: Python, C, Java
Web Development: Flask, Django, HTML, CSS, SQLite
AI & ML: scikit-learn, TensorFlow/Keras, Pandas, NumPy, Matplotlib
Tools: Git, GitHub, VS Code, CLI/Terminal
Concepts: OOP, DSA, SDLC, Testing Fundamentals

Projects

github.com/BenThomasPvt

Robust Intelligent Malware Detection   *Python, CNN, LSTM*
- Led the design of a malware classification system using deep learning, improving detection accuracy over ML baselines.
- Applied AI/ML concepts to solve security challenges with CNN & LSTM models on a large dataset.
- Presented project outcomes to peers, showcasing problem-solving and communication skills.

Agriculture Helper Chatbot   *Python, Flask, NLP*
- Built an AI-driven chatbot product to provide agricultural guidance to farmers.
- Applied NLP (TF-IDF based classification) and deployed a web interface with real-time user interaction.
- Collaborated with peers to refine features and optimize usability.

CS50 Projects (Harvard edX)   *Python, Flask, SQLite*
- *Birthdays Web App:* CRUD-based web product for managing birthdays, practicing backend & database integration.
- *Attendance Tracker:* CLI tool applying OOP principles to streamline attendance management.

Education

B.Tech in Computer Science and Engineering   2022–2026
Malla Reddy College of Engineering, Hyderabad | CGPA: 7.6
Relevant Coursework: DSA, OOP, OS, DBMS, CN, Web Development, AI/ML

Intermediate (MPC) – Sri Chaitanya Junior Kalasala | 90.2%
SSC – Nava Jyothi High School | GPA: 10.0

Certifications

CS50x – Introduction to Computer Science (Harvard edX)
CS50P – Introduction to Python (Harvard edX)

Achievements

Certificate of Merit – 98 percentile, Naukri Campus Young Turks 2025
2nd Place – AI Chatbot Competition, AI Club, MRCE (Mar 2025)
Paper Presentation – VISISTA 2K25 Tech Fest, MRCE
Infosys Springboard – Maker Lab on Wheels (Sep 2024)