Gathala Benny Thomas

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Profile Summary

Final-year Computer Science undergraduate with hands-on experience in **full-stack web development, Python programming, and applied AI/ML projects**. Completed **Harvard CS50x and CS50P**, showcasing strong problem-solving and software development skills. Passionate about **building scalable applications, deploying AI-driven solutions, and contributing to impactful projects**. Currently seeking challenging opportunities in Web Development, AI, and Software Engineering.

Technical Skills

Languages: Python, C, Java, JavaScript
Web: HTML, CSS, Flask, React.js, Node.js, Django
Databases: SQLite, MySQL, REST APIs
AI/ML: Scikit-learn, Pandas, NumPy, Matplotlib
Tools: Git, GitHub, Linux (CLI), VS Code
Soft Skills: Problem Solving, Teamwork, Communication, Self-learning

Projects

github.com/BenThomasPvt

Agriculture Helper Chatbot   *Python, Flask, NLP, HTML/CSS*
- Developed an interactive chatbot to assist farmers with agricultural queries.
- Implemented text classification using TF-IDF and ML.
- Built responsive web interface with Flask and AJAX.

Robust Intelligent Malware Detection   *Python, Deep Learning*
- Designed a malware detection system using CNN and LSTM models.
- Analyzed malware image dataset (malimg.npz) for training.
- Compared results with multiple ML algorithms to improve accuracy.

Birthdays (CS50x Project)   *Flask, SQLite, HTML/CSS*
- Implemented CRUD operations for managing birthdays.
- Practiced backend integration with SQLite and Flask.

Attendance Tracker (CS50P Project)   *Python, CSV, OOP*
- Built a command-line tool for attendance management.
- Utilized Python's OOP concepts and CSV handling.

Education

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

Intermediate (MPC)   2020 – 2022
Sri Chaitanya Junior Kalasala | 90%

SSC   2020
Nava Jyothi High School | GPA: 10.0

Certifications

- CS50x – Introduction to Computer Science (Harvard – edX)
- CS50P – Introduction to Python (Harvard – edX)
- CS50 Web – Web Programming with Python & JavaScript (Harvard – edX)

Achievements & Events

- 2nd Place – AI Chatbot Competition, AI Club, MRCE (Mar 2025)
- Paper Presentation – VISISTA 2K25, MRCE Tech Fest
- Tata Imagination Challenge 2024 – Student Track Participant
- Workshop on Generative AI – MRCE CSE Dept (Oct 2024)
- Azure Dev Day Bootcamp – Microsoft Azure Dev Community (Sept 2024)
- Infosys Springboard – Maker Lab on Wheels (Sep 2024 Batch)
- IEEE Xplore Webinar – MRCE
- Hackathon Participation – multiple internal events
- Blind Coding Event – Technical Fest, MRCE

Languages

- English – Fluent
- Telugu – Native
- Hindi – Conversational