Golthi Venkatacharyulu

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PROFILE

Final-year B.Tech Computer Science undergraduate with strong foundations in software development, data structures, and problem-solving. Experienced in designing and building applications using Python and Java, with a focus on writing clean, efficient, and maintainable code. Passionate about contributing across the software development lifecycle and building reliable, high-quality systems.

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science Engineering 2022 – 2026
Aditya College of Engineering and Technology, Andhra Pradesh
Relevant Coursework: Data Structures, Algorithms, DBMS, Operating Systems

TECHNICAL SKILLS

Programming: Python, Java, C++
Software Engineering: Application Support, Maintenance, Debugging, Issue Resolution
Databases: MySQL, SQLite
Tools: Git, GitHub, Linux, VS Code
Core Concepts: Data Structures, Algorithms, DBMS, Operating Systems, Object-Oriented Programming (OOP)
Working Style: Analytical Thinking, Problem Solving, Team Collaboration, Documentation
Languages: English, Japanese (basic)

PROJECTS

Application Support & Maintenance Ticket System (Python)

- Built a Python-based application implementing structured workflows and persistent data storage.
- Designed modular components following clean coding practices for maintainability.
- Focused on debugging, error handling, and maintainability to ensure reliable system behavior
- Used SQLite for persistent storage and followed clean coding and documentation practices

XpressPrints – Online Printing Marketplace

- Designed and maintained a web-based application connecting customers with local print vendors
- Implemented order management workflows and resolved functional issues during development
- Improved application reliability by validating inputs and handling edge cases

EXPERIENCE

AI Research Associate Jan 2026 – Present
Keywords Studios, Bangalore

- Supported and validated software workflows by testing system behavior against functional requirements
- Analyzed outputs to identify issues, inconsistencies, and edge cases affecting application reliability
- Assisted in maintenance and refinement of workflows to improve accuracy and consistency
- Collaborated with cross-functional teams, demonstrating strong ownership and teamwork
- Documented findings and fixes to support continuous improvement and system stability

Student Intern Jul 2025 - Dec 2025
Technical Hub, Surampalem

- Strengthened analytical thinking by solving programming problems using data structures and algorithms
- Performed debugging and code reviews to improve correctness and efficiency
- Assisted peers by explaining software fundamentals and problem-solving approaches

CERTIFICATIONS

- Data Science Certification – IIT Madras (Delivered by Intellipaat)
- AWS Cloud Developer Associate
- Red Hat System Administrator
- GitHub Administration

ACHIEVEMENTS

- Ranked in the **Top 30** at Adobe Gensolve Hackathon 2024 among 100,000+ participants across India
- Secured **Top 100** position in Amazon ML Challenge among 200,000+ participants nationwide
- Developed an AI-enabled e-learning platform at Amdocs Hackathon featuring skill-based course recommendations and automated content summarization

POSITION OF RESPONSIBILITY

- Led teams during hackathons, coordinating tasks and ensuring timely issue resolution
- Demonstrated ownership by guiding solution design, debugging, and iterative improvements

INTERESTS

Software engineering, application maintenance, problem-solving challenges, learning enterprise systems, exploring technology trends.