

# ATHULURI AKHIL

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## SUMMARY

Results-driven Computer Science student with a strong foundation in software engineering and a passion for innovative technologies. Seeking a Software Engineering Internship Wanted to apply and expand skills in object-oriented programming, problem-solving, and collaborative development.

## EDUCATION

- Malla Reddy University** Hyderabad, India
  - Bachelor of Technology in Computer Science Engineering; GPA: 7.57/10.0* 09/2021 - 07/2025

## TECHNICAL SKILLS

- Programming Languages:** Java, Python, JavaScript, SQL
- Web Technologies:** React, Angular, Node.js, Django, HTML, CSS
- Tools & Platforms:** Git, GitHub, Docker, AWS, GCP
- Concepts:** Data Structures, Algorithms, Object-Oriented Programming, Machine Learning

## PROJECTS

- AI Web Scraper:** Developed an intelligent web scraping tool using Streamlit, Selenium, and LangChain. Implemented AI-powered content extraction, handling CAPTCHA-protected websites and processing large volumes of data efficiently.
- Secure File Management System:** Built a Java-based application with OTP authentication for secure file management. Implemented encryption for file confidentiality and integrated MySQL for robust data storage, achieving 99.9% uptime.
- TCP Chat Application:** Created a Java-based chat application using JavaFX for the GUI, enabling real-time communication over TCP/IP networks. Implemented multi-threading for concurrent client connections and ensured secure data transmission.
- Code Snippets Generator:** Engineered a Node.js package that generates boilerplate code for multiple programming languages, reducing development time by 25% for a team of 20 developers. Implemented a plugin system for easy language additions.

## EXPERIENCE

- InfraBIM Techno Solution** Remote
  - Android XML Developer* 06/2023 - Present
    - UI Optimization:** Designed responsive XML layouts for the ShopTalk app, improving UI rendering speed by 30% for 5,000+ users.
    - Material Design Implementation:** Incorporated Material Design principles, increasing user engagement by 40% and achieving a 4.5-star app rating.
    - Performance Enhancement:** Identified and resolved XML-related issues, reducing app crash rate by 50% and enhancing overall stability.
- InfraBIM Techno Solution** Remote
  - App Tester* 02/2023 - 04/2023
    - Automated Testing:** Developed a Python-based automated testing framework, increasing test coverage by 40% and reducing manual testing time by 60%.
    - ML-Powered Bug Prediction:** Implemented a machine learning model to predict potential bug-prone areas, improving bug detection efficiency by 30%.
- InfraBIM Techno Solution** Remote
  - Full Stack Developer Intern* 01/2022 - 03/2022
    - Angular Application Development:** Built a responsive Angular-based application for "Open Data - Telangana", handling 10,000+ concurrent users and improving data retrieval speed by 25%.
    - Backend Optimization:** Implemented caching strategies and query optimizations, reducing server response time by 40% under high load.

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

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- **Microsoft Learn Student Ambassador** Hyderabad, India  
*Led technical workshops and mentoring sessions, impacting 1000+ students* *06/2023 - Present*
- **Community Lead, MRU Developers Group** Hyderabad, India  
*Organized events and workshops for a community of developers* *09/2023 - Present*

## ACHIEVEMENTS

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- **Web-A-Thon Winner:** Malla Reddy University (06/2022) - Developed an innovative web solution addressing real-world problems
- **NanoThon Winner:** Malla Reddy University (05/2023) - Created a cutting-edge Web technology-based project