

Gonala Tallam Akshaya

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Professional Summary

Detailed-oriented Computer Science graduate with a strong background in programming, databases, and AI-driven applications. Experienced in building IoT systems, personalized learning platforms, and real-time data solutions that combine technical depth with practical usability. Certified in Salesforce, AI/ML, Cloud Technologies, and Investment Banking, with a solid foundation in algorithms, data structures, and database management. Passionate about creating scalable, user-focused solutions and eager to contribute to innovative technology projects.

Education

KL University — Bachelor of Technology in Computer Science and Engineering

- CGPA: 9.25

Skills Summary

- **Programming Languages:** C, C++, Java, JavaScript, HTML, CSS
- **Databases:** SQL (PostgreSQL)
- **Developer Tools:** GitHub, VS Code, Eclipse
- **Relevant Coursework:** Data Structures, Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems, Theory of Computation, Compiler Design, Computer Architecture
- **Consulting and Professional Skills:** Problem-Solving, Client Collaboration, Communication, Team Leadership, Adaptability, Innovation, Business Impact Orientation

Projects

Temperature and Humidity Sensor

- Designed an IoT-based system using Arduino and the DHT11 sensor to capture and analyze environmental data.
- Implemented threshold-based alerts, demonstrating innovation and practical client-oriented problem-solving.

CodeWise

- Built CodeWise, a role-based coding practice and online exam platform with language-wise modules, real-time code execution, and automated test case evaluation.
- Implemented secure, proctored exams with tab-switch detection, violation handling, auto-submission, and comprehensive admin/content management workflows.

Certifications

- **Salesforce AI Associate**
- **Investment Banking Virtual Experience** — JPMorgan Chase (Forage)
- **AICTE-Google AIML Certificate** — EduSkills
- **Oracle Cloud Infrastructure (OCI) Foundations Associate**
- **Aviatrix Multi-Cloud Network Associate (MCNA)**

Positions of Responsibility

- **ZeroOne Code Club** — Conducted coding sessions and peer-to-peer workshops, mentoring 50+ students to strengthen programming and problem-solving skills.
- **Vyuha Project and Innovation Hub** — Worked with peers and faculty mentors on innovative technical projects aligned with real-world needs.
- **Samyak College Fest Volunteer** — Assisted in event operations, coordinated with student teams, and enhanced engagement through effective communication and teamwork.