

# HALEEMA KHATUN

Associate System Engineer | Software Developer (Entry-Level)

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## PROFESSIONAL SUMMARY

Final-year B.Tech Computer Science student (2026 pass-out) with strong foundations in software development, SDLC, and problem-solving. Proficient in Python, C/C++, SQL, and cloud fundamentals with hands-on experience in open-source, cloud platforms, and AI-based applications. Experienced in designing, developing, testing, and supporting software solutions aligned with enterprise and client-facing environments. Motivated to contribute to IBM Consulting delivery centers by building scalable, high-performing, and maintainable applications.

## EDUCATION

Samskruti College of Engineering and Technology, Hyderabad — B.Tech in Computer Science Engineering (CSE) | CGPA: 8.4 / 10 | Nov 2022 – Present | Expected Graduation: 2026

## TECHNICAL SKILLS

Programming: Python, C, C++, SQL | Core CS: Data Structures, OOP, OS, SDLC, Linux

Frameworks & Tools: Django, REST APIs, Git, CI/CD tools

Cloud & Databases: AWS, GCP, MongoDB | Other: Tableau

Soft Skills: Analytical thinking, communication, teamwork, adaptability

## EXPERIENCE

GirlScript Summer of Code (GSSoC) — Open Source Contributor

- Contributed to feature-driven open-source projects with global teams using GitHub workflows.
- Developed an Aptitude Module for an interview-preparation platform.
- Implemented Login & Authentication features to improve application security and UX.
- Participated in code reviews, testing, and documentation to improve software quality.
- Gained practical exposure to full SDLC including design, development, testing, and issue resolution.

Google Cloud Virtual Internship — Intern

- Deployed cloud-based applications and automated basic workflows on GCP.
- Gained exposure to cloud infrastructure, security, and scalability best practices.

## PROJECTS

StudyMate — AI-Powered Study Assistant

- Built an AI learning assistant using IBM Granite pretrained models.
- Implemented document-based Question Answering for uploaded study material.
- Designed a Retrieval-Augmented Generation (RAG) pipeline.
- Applied NLP and prompt engineering to improve response relevance.
- Delivered an interactive, scalable AI tutoring experience.

Youth Mental Wellness Platform

- Developed a wellness platform using computer vision and ML for facial expression recognition.
- Focused on ethical AI principles and data privacy.
- Designed system components to promote emotional awareness and engagement.

## CERTIFICATIONS & ACHIEVEMENTS

AWS Academy — Cloud Foundations | IBM SkillBuild — Cloud Computing | Oracle Certified Professional — Generative AI |  
Gen AI Exchange Hackathon (National Level) | Cognitive X Hackathon — Top 10 Team