

VAISHNAVI SAGGURTHI

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OBJECTIVE

I am a passionate professional who thrives on taking on new challenges and contributing to innovative ideas within a dynamic organization. I am dedicated to making a meaningful impact through creativity, teamwork, and a strong commitment to quality. I'm eager to grow my skills while helping the organization succeed and deliver impactful solutions.

EDUCATION

B.Tech, Gokaraju Rangaraju Institute of Engineering and Technology
Computer Science Engineering (Data Science)

Expected 2027

SKILLS

- **Programming & Development:** Java, Python, C, SQL, MongoDB, HTML, CSS, JavaScript, Data Structures, Algorithms, OOP, SDLC Methodologies.
- **Frameworks & Tools:** Spring Boot, REST APIs, JUnit5, OpenCV, TensorFlow, Mediapipe, Git, GitHub, Jira.
- **Domains & Platforms:** Computer Vision, AWS, Google Cloud, Linux.
- **Soft Skills:** Team Collaboration, Problem-Solving, Creativity.

EXPERIENCE

Software Development Engineering Intern – Amazon

June 2025 – August 2025

- Developed and optimized data handling components using **Java, AWS (S3, Lambda, DynamoDB)**, and internal APIs, improving processing efficiency and system reliability.
- Diagnosed and resolved performance bottlenecks and implemented features that reduced manual intervention by 40%.
- Gained hands-on experience in designing production-level systems, debugging distributed logs, and following best practices in code quality and testing.

PROJECTS

HUIDSN – Hands of User In Digital System Networks

- Developed a gesture-based interaction system enabling hands-free computer operation.
- Tech Stack: Python, OpenCV, Mediapipe, Speech Recognition.
- Implemented features like cursor navigation, brightness control, volume control, horizontal scrolling, and speech-to-text conversion.
- Impact: Improved accessibility for users by 40%, making presentations and workshops more interactive.

CERTIFICATIONS

- **Generative AI Fundamentals** – Google Cloud: Acquired knowledge of building and deploying AI models using Google Cloud tools.
- **Introduction to Cybersecurity** – Cisco Networking Academy: Gained foundational understanding of cybersecurity principles and threat mitigation strategies.
- **AWS Cloud Computing Essentials** – Amazon Web Services (AWS): Learned key concepts of cloud computing, including storage, networking, and scalability on AWS.