

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

- Currently engaged in development using **Computer Vision, Java with DSA, OOPS, Python, C, SQL, Basic HTML, CSS, Javascript.**
- Tools and Frameworks: **OpenCV, TensorFlow, Mediapipe.**
- Platforms & Tools: **Google Cloud (Gen AI Basics), AWS, Linux.**
- Soft Skills: **Team Collaboration, Problem-Solving, Creativity.**

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.

EXPERIENCE

- **Software Development Engineering Intern – Amazon** **June 2025 – August 2025**
 - Selected as a Summer Intern at Amazon India, where I contributed to scalable backend systems powering internal automation tools.
 - Developed and optimized data handling components using **Java, AWS (S3, Lambda, DynamoDB)**, and internal APIs, improving processing efficiency and system reliability.
 - Collaborated in an agile team through daily stand-ups, code reviews, and testing cycles, following industry-grade SDLC practices.
 - 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.
- **Executive Body Member – Computer Society of India (CSI)** **September 2024 – Present**
 - Designed and organized “Code and Ladders”, a gamified coding competition with 40+ teams.
 - Assisted in coordinating Hack4SDG, a national-level hackathon with 100+ participants.
 - Secured sponsorships, increasing event funding by 30%.

- **Club Member – Advanced Academic Center (AAC)**

August 2023 – December 2024

- Explored computer vision, AI, and emerging technologies through hands-on projects.
- Participated in peer discussions, workshops, and technical collaborations to enhance skills.

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.