

GOUTHAMA HEGDE

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📍 Bengaluru

ABOUT ME

Information Science student at Global Academy of Technology with a diploma in Computer Science from a government institution. Solid foundation in cloud computing (AWS), web development, and cybersecurity, with hands-on experience in penetration testing. Passionate about developing secure, scalable applications and committed to continuously learning emerging technologies to solve complex problems.

EDUCATION

Bachelor of Engineering in Information Science

Global Academy of Technology – Expected 2026

Relevant Coursework: Python, Data Structures, DBMS, Operating Systems, Software Engineering.

Diploma in Computer Science and Engineering

Govt Polytechnic Collage Siddapura 2020–2023

Relevant Coursework: Java, DBMS, Computer Networks, Cloud Computing (AWS)

INTERNSHIP

Cloud Architecture Intern

Government Tool Room & Training Centre (GTTC): Hubli-Karnataka

13 February 2023 – 31 May 2023

- Assisted in designing and implementing cloud infrastructure using AWS services.
 - Gained hands-on experience with cloud architecture best practices, including scalability, security, and cost optimization.
 - Supported the deployment and configuration of cloud-based applications and virtual environments.
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PROJECTS

EXPENSE-TRACKER [link](#)

- Backend: Developed with PHP, hosted on AWS EC2 for scalability and performance.
- Frontend: Built with JavaScript and CSS for interactivity and styling.
- Features:
 - Add, edit, and delete expenses
 - Categorize expenses
 - View spending reports and summaries
- Deployment: Hosted on AWS EC2 for reliability and efficient traffic handling.

YOLO Object Detection App [link](#)

- Built a real-time object detection app using YOLOv8 and Gradio for both images and videos.
- Integrated support for multiple YOLO models (yolov8n, s, m, l, x) for customizable performance.
- Used OpenCV to process video frames and annotate detected objects in real time.
- Designed a clean and intuitive interface with Gradio for easy user interaction.

SKILLS

- Programming Languages: Python, Java, SQL, C
 - Libraries & Frameworks: NumPy, Pandas, YOLO, Ultralytics, OpenCV
 - Tools & Platforms: Jupyter, GitHub, AWS
 - Soft Skills: Communication, Team Collaboration, Problem Solving, Critical Thinking
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Certifications

- TechA Web Development using HTML and CSS Foundation Certification [link](#)
- Fundamentals of Information Security [link](#)
- AWS Associate Solutions Architect 2020: EC2 Instance Management [link](#)
- Introduction to Cloud Computing [link](#)

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Place:

Gouthama Hegde

Date: