

Manasa G K

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Education

GSSS Institute of Engineering and Technology For Women, Mysore

Dec 2021 – May 2025

Bachelor of Engineering in Computer Science (AI & ML), CGPA: 8.2/10

Mysore, India

Technical Skills

Programming Languages: Python

Database: MySQL

Core Fundamentals: Basics of Data Structures, SQL

Tools: GitHub, VS Code

AI Development Tools: ChatGPT, Claude

Experience

Information Sharing and Analysis Center

Jan 2025 – May 2025

Cyber Security Intern

Mysore, India

- Built a Python-based tool Clickjacker to detect clickjacking vulnerabilities.
- Identified and reported multiple real-world web security issues to government platforms.
- Prepared detailed Proof-of-Concept (PoC) reports for identified vulnerabilities .

Salesforce

Jun 2024 – Sep 2024

Salesforce Developer Trainee

Online – Trailhead Platform

- Gained hands-on exposure to CRM concepts.
- Worked on Apex, SOQL, objects, automation, and security features.
- Built and customized Salesforce applications to support business workflows.

Projects

Image to Text Conversion — Python, Tesseract OCR, OpenCV

Oct 2024 – Feb 2025

- Built a tool to extract readable text from scanned images using Tesseract OCR and Python.
- Improved OCR accuracy using preprocessing techniques such as grayscale conversion and noise removal.

Kidney Stone Detection — Python, Pandas, Scikit-learn, Kaggle

June 2024 – Jul 2024

- Developed ML models to predict kidney stones using structured medical dataset from Kaggle.
- Performed data preprocessing, feature selection, and trained Random Forest and SVM models.

Department Budget Management System — HTML, CSS, JavaScript, MySQL

Dec 2023 - Mar 2024

- Developed a System to manage and track budget requests across Faculty, HOD, and Principal modules.
- Supports budget request submission, approval workflow, and status updates within the college.

Certifications

Certified AWS Academy Cloud Foundations Graduate

Certified IBM SkillsBuild Intern in AI-ML (with CSRBOX)