

SAHANA GANESH

Aspiring Software Developer

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[LinkedIn ID](#)

[Github link](#)

PROFESSIONAL SUMMARY

Motivated Computer Science and Business Systems student with hands-on experience in AI and web development. Skilled in Python and JavaScript, with a track record of strong leadership and teamwork. Eager to apply technical expertise and problem-solving skills in a collaborative environment.

EDUCATION

B.Tech in Computer Science and Business Systems

Chennai Institute of Technology, Chennai, Tamil Nadu
CGPA: 8.8 | Expected Graduation: 2026

12th Grade

Akshayah Matriculation Higher Secondary School
Score: 88.2% | Completed: 2022

10th Grade

Akshayah Matriculation Higher Secondary School
Score: 80.6% | Completed: 2020

SKILLS

- Programming Languages:** Python, Java, JavaScript, C (Beginner)
- Web Development:** HTML, CSS, Node.js (Beginner), React.js (Beginner)
- Databases:** MySQL, MongoDB
- Frameworks & Libraries:** TensorFlow, OpenCV, PyTorch, Matplotlib, Tkinter, NLP
- Data Structures & Algorithms:** Strong grasp of core DSA concepts, problem-solving, and algorithmic thinking
- UI/UX Design:** Figma, Adobe Illustrator, Canva
- Soft Skills:** Project Management, Leadership, Team Collaboration, Communication, Problem-Solving

CERTIFICATIONS

- Cisco:** Introduction to Cyber Security, CCNAV7: Introduction to Networks
- Infosys:** Introduction to Artificial Intelligence
- Udemy:** Web Development Bootcamp
- Great Learning:** Python for Machine Learning
- Coursera:** Amazon Cloud Fundamentals, Google Cloud Computing, Introduction to AI in Python (IBM)

COMPETITIVE PROGRAMMING

- LeetCode:** Rating 30K+ LeetCode Profile
- CodeChef:** One Star Rating CodeChef Profile
- Codeforces:** Rating 1500+ Codeforces Profile

LANGUAGES KNOWN

• English • French • Tamil • Japanese • Malayalam

PROFESSIONAL EXPERIENCE

IT Intern

Cymorg Incorporated, New York | May 2023

- Tested integration with ChatGPT, focusing on integrating it with their company's project. Created prompts in gpt and did machine learning testing with the bot.

Web Developing Intern

Flipside AI, Philippines | November 2023

- Developed and maintained the company website using HTML, CSS, JavaScript, and Figma.

Project Intern

Phygitalz Advisory Pvt. Chennai | May 2024

- Developed an IoT solution for managing trolley fleets, including sensor integration and data collection. Designed and implemented a user-friendly Flutter app for real-time monitoring and control, which included features for tracking trolley locations, optimizing fleet usage, and generating operational reports.

PERSONAL PROJECTS

• Aviation Detection Model

github: // [Environmental Detection](#)

Developed and implemented an advanced detection model for aviation safety, pinpointing hazards such as fire, potholes, and weapons; leveraged Python libraries to increase detection accuracy by 35% and operational efficiency by 25%

• Trolley Fleet Management

Developed an IoT solution with BLE nodes for real-time tracking and a LoRa gateway for data communication. Designed an intuitive frontend using Figma. Facilitated efficient fleet management and real-time monitoring of trolley locations.

• WebScraping

github: // <https://github.com/sahana333/Web-Scraper>

Created a Python-based tool for automated data extraction using BeautifulSoup and Pandas. Enabled efficient data aggregation from various websites, streamlining market research and trend analysis.

ACHIEVEMENTS

- TCS CodeVita:** Advanced to Round 2, demonstrating strong competitive programming skills.
- Electrothon 2024:** Led the team to the top 5, showcasing leadership and technical excellence in engineering challenges.
- Design Impact Movement 2023-2024:** Team Leader for Cure Crafters, guided the team to the finals with innovative design solutions.
- Zorphix Symposium:** Served as Representative for 2022-23 and Joint Secretary for 2023, highlighting leadership and organizational skills.