

# SIDDHARTH AMBEKAR

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GitHub

## SUMMARY

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Highly motivated **Computer Science and Engineering (Artificial Intelligence)** student completing five semesters of intensive coursework, including **Data Structures & Algorithms**, **Artificial Intelligence**, and **Mobile App Development**. Skilled in **Python**, **Java**, and **AWS Data Engineering**.

## EDUCATION

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- **Gokaraju Rangaraju Institute of Engineering and Technology** Hyderabad, Telangana  
*B.Tech in Computer Science and Engineering (Artificial Intelligence); CGPA: 8.79/10.0 Sep 2023 – Present (Expected 2027)*
  - **Relevant Coursework:** Data Structures & Algorithms, Database Management Systems, Operating Systems, Java Programming, Artificial Intelligence, Data Warehousing, Full Stack Web Development, and Mobile Application Development.
- **Narayana Junior College** Hyderabad, Telangana  
*Intermediate (MPC); Percentage: 96.3%* Jun 2021 – Mar 2023

## INTERNSHIP EXPERIENCE

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- **Android Developer Virtual Internship (10 Weeks)** Virtual  
*Google for Developers / EduSkills / AICTE* Jul 2025 – Sep 2025
  - **Focus:** Applied Android development principles in a project-based environment, gaining practical experience with app lifecycle and UI/UX design.
- **AI-ML Virtual Internship (10 Weeks)** Virtual  
*Google for Developers / EduSkills / AICTE* Jan 2024 – Mar 2024
  - **Focus:** Gained hands-on exposure to core concepts of Artificial Intelligence and Machine Learning (AI/ML).

## TECHNICAL SKILLS

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**Languages:** Python, Java, C, Ruby, SQL, HTML5, CSS3, JavaScript

**Cloud / DevOps:** AWS Data Engineering, Azure Development, Git, GitHub

**Domains / Concepts:** Data Structures & Algorithms, DBMS, Operating Systems, Computer Vision, Artificial Intelligence, Mobile App Development, Cybersecurity

## PROJECTS

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- **Astitva: Interactive Indian Heritage Platform**  
*HTML, CSS, JavaScript, APIs (Imagga, Wikipedia, OpenRouter)*
  - **Description:** Developed a large-scale, interactive web application celebrating Indian heritage through multiple dynamic modules — including an interactive map, historical timeline, cultural quiz, and AI chatbot.
  - **Technologies:** Integrated multiple third-party APIs: **Imagga API** for image recognition (Heritour feature), **Wikipedia API** for knowledge retrieval, and **OpenRouter API** for the “Acharya” chatbot.
  - **Complexity:** Demonstrated ability to design and manage a multi-page, feature-rich front-end architecture with advanced UI/UX and external API integration. The image recognition and chatbot systems elevate it well beyond a static site. (GitHub)
- **Lost & Found Web Application**  
*Full-Stack Development, Python (Flask/Django), SQL*
  - **Architecture:** Developed a full-stack application for reporting lost and found items, with integrated front-end and back-end systems.
  - **Database Management:** Implemented SQL migrations for reliable tracking and retrieval of data.
  - **Features:** Enabled users to submit, browse, and search items via an intuitive interface. (GitHub)
- **Ultimate Tic-Tac-Toe Game Engine**  
*Python, Pygame*
  - **Logic Implementation:** Created a functional engine for Ultimate Tic-Tac-Toe managing multiple nested game states.
  - **System Design:** Demonstrated strong OOP and logical structuring skills. (GitHub)

- **AI Study Partner UI (EduMatrix)**

*HTML5, Tailwind CSS, JavaScript*

- **Interface Development:** Designed a modern, responsive front-end interface for an AI Study Partner platform.
- **Technology:** Used Tailwind CSS for styling and JavaScript for interactivity. (GitHub)

## CERTIFICATIONS & ACTIVITIES

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- **Technical Training:** AWS Academy Data Engineering (40 Hours); JAVA Full Stack with React JS & AI (STTP); Ruby (IIT Bombay Spoken Tutorial); Cisco Introduction to Cybersecurity; HP LIFE AI for Beginners.
- **Hackathons & Events:** Participated in AI Days 2025 SparkCamp Hackathon, HackWithHyderabad, and VIVITSU'25 Hackathon. Submitted ideas to GDG Solution Challenge and Bharatiya Antariksh Hackathon 2025.
- **Languages:** English, Hindi, Telugu, Marathi (Fluent)