

Aakarsh Gopishetty

Software Engineering Intern | Computer Science Undergrad | Python • Java • MERN Stack • AI Enthusiast


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Profile

Computer Science undergraduate (expected 2027) with a strong foundation in data structures, algorithms, and software development. Proficient in Python, Java, JavaScript, and C, with experience building secure and user-friendly web applications. Comfortable working in Unix/Linux environments and collaborating through version control tools like Git. Currently exploring Cybersecurity, AI and full-stack development through internships and projects. Passionate about learning, problem-solving, and contributing to impactful software solutions.

Internship Experience

AI Intern , <i>Summer of AI 2025, Swecha</i>	05/2025 – Present Remote
<ul style="list-style-type: none">• Built mini AI tools using Python and Streamlit for real-world applications.• Applied supervised and unsupervised learning; explored OpenAI and Ollama integration.• Collaborated via GitLab; contributed to model fine-tuning on self-hosted systems.	
Cybersecurity Intern , <i>Tamizhan Skills</i>	05/2025 – 06/2025 Remote
<ul style="list-style-type: none">• Completed 8 hands-on projects, including phishing detection, keylogger, ransomware simulator, and port scanner.• Developed a phishing classifier using Python and scikit-learn; enhanced Linux and ethical hacking skills.	
Web Developer Intern , <i>Pravara IT Solutions</i> 	07/2023 – 08/2023 Warangal, Telangana
<ul style="list-style-type: none">• Developed a secure login authentication system using PHP, MySQL, HTML, CSS, and Bootstrap.• Followed the software development lifecycle from planning to deployment and gained real-world experience.	

Education

Bachelor of Technology-BTech, Computer Science and Engineering (Cybersecurity) , <i>JNTUH College of Engineering Hyderabad</i>	2023 – 2027
Board of Intermediate Education - (MPC) , <i>Sr junior College</i>	2021 – 2023

Skills

Programming Languages

Python, Java, JavaScript, C, C++, PHP, HTML, CSS

Databases

MySQL (beginner), Mongo DB (beginner)

Soft Skills

Team Collaboration, Problem Solving, Technical Communication, Fast Learner, Version Control Workflows

Computer Science Concepts

Data Structures & Algorithms, Object-Oriented Programming (OOP), Operating Systems, Computer Networks, Software Design Principles

Frameworks & Libraries

Node.js, Express.js, Bootstrap, scikit-learn (*basic*)

Tools & Platforms

Git, GitHub, VS Code, Linux

Currently Learning

MERN Stack (MongoDB, Express.js, React, Node.js)

Leadership and Campus Engagement

Initiator

Took the initiative to establish the Cybersecurity Club at JNTUH; currently leading efforts to organize its inauguration and coordinate initial activities to engage student interest in Cybersecurity.

Class Representative (C.R.)

Act as a liaison between faculty and students; responsible for communicating, academic updates and addressing student concerns.

Placement Coordinator

Collaborate with the training and placement cell to assist in organizing placement activities, coordinating student participation, and supporting career-readiness initiatives.

Fest Coordinator

Assisted in planning and organizing college fest, coordinating logistics, learn participation, and promotion efforts to ensure smooth execution.

Projects

My Pass

Currently developing a secure password manager that will feature password strength checks, suggestions for improvement, and secure storage of user credentials. The project aims to enhance user security and data privacy. Developed Python, HTML, CSS, JavaScript and Flask.

CPU Scheduling Simulation

Created a simulation tool for CPU scheduling algorithms using Java (Swing). Implemented os scheduling algorithms like FCFS, SJF, and Round Robin etc, to demonstrate the concepts of process scheduling and how each works,

Certificates

HTML

HTML (Jan 2025)

Git and GitHub

Git and GitHub (Dec 202)

Networking Basics

Networking Basics (Jan 2025)

Excel 365

Excel 365 (Jan 2025)

CSS

CSS (Dec 202)

Cybersecurity

Cybersecurity (Dec 202)

Python (Basic)

Python (Basic) (Jan 2025)

Touch Typist

Touch Typist (Dec 202)

Java

Java (Jan 2025)

Microsoft Security Copilot

Microsoft Security Copilot Jan 2025)

Software Engineering Job Simulation

Software Engineering Job Simulation (Jan 2025)