

# AKSHITH NALLAGINNELA

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## SUMMARY

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Computer Science undergraduate with intermediate skills in Python, Java, and AI/ML, currently upskilling in DSA and MERN stack. Experienced through internships, hackathons, and projects in web development, software development, and full-stack applications. Eager to contribute as an SDE or Full Stack Developer by applying problem-solving, backend, and frontend skills.

## Education

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**Sri Indu Institute of Engineering and Technology**, B tech in Computer Science

Sept 2022 – June 2026

- GPA: 8.2/10
- **Coursework:** Data Analytics, Computer Networks, NLP, Software Engineering, Machine Learning, Knowledge Representation & Reasoning,

## EXPERIENCE

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**Student Campus Ambassador – Google Gemini**

Aug 2025 – Present

Selected as a Student Campus Ambassador for Google Gemini, where I lead initiatives to promote awareness and adoption of Google's AI tools among students. I organize events, workshops, and peer sessions to demonstrate practical use cases, encourage hands-on exploration, and build a student community around responsible AI usage. This role has strengthened my **leadership, communication, and technical advocacy skills** while bridging the gap between cutting-edge AI technology and student communities.

**Intern – Viswam AI | Hyderabad**

Jun 2025 – Present

Currently interning at Viswam AI, contributing to projects focused on advancing **AI for Indic languages** and open-source ecosystems. My work includes Gonthuka, a **Telugu Automatic Speech Recognition system**; AI Chandamama Kathalu, the **first small language model for Indic story generation**; and Swecha AI OS, an **AI-enabled open-source operating system with native language support**. This internship has enhanced my skills in **AI, system integration, and real-world application development** while working in a collaborative, innovation-driven environment.

## PROJECTS

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**Web Portfolio**

[github.com/akshithnallaginnela/fresh-start-web-presence](https://github.com/akshithnallaginnela/fresh-start-web-presence)

Designed and developed a responsive personal portfolio website using **HTML, CSS, JavaScript, and Lovable.dev**. The platform highlights projects, skills, and achievements with a clean UI, seamless navigation, and cross-device compatibility. This project reflects my ability to deliver **user-centric web solutions and full-stack applications** with a focus on performance and design.

**Identification of Cryptographic Algorithm**

[github.com/akshithnallaginnela/game](https://github.com/akshithnallaginnela/game)

Built a **machine learning model** capable of classifying cryptographic algorithms such as AES, RSA, and DES with over **90% accuracy**. Implemented using **Python and Scikit-learn**, the project demonstrates the use of advanced feature extraction and classification techniques. It showcases applications in **cybersecurity, intrusion detection, and compliance monitoring**, highlighting my problem-solving and software development skills.

## TECHNOLOGIES

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**Programming Languages:** Python (Intermediate), Java (Intermediate), C (Basic), JavaScript (Beginner)

**Web Development:** HTML, CSS, Responsive Web Design, Basic JavaScript

**Frameworks / Tools:** Git, GitHub, VS Code, OpenAI API, Lovable.dev

**Databases:** MySQL (Beginner, Academic Exposure)

**In Progress / Upskilling:** Data Structures & Algorithms (Java), MERN Stack (MongoDB, Express.js, React.js, Node.js)

**Other Skills:** REST APIs, OOP, System Integration, Problem Solving, Team Collaboration

## AWARDS

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### Best Innovation Award – AVISHKAR 2.0

Hackathon (Apr 2025)

Won the Best Innovation Award for developing a **Smart Blind Stick** using sensors and Arduino to assist the visually impaired. The device intelligently detects obstacles in real time and provides instant alerts, significantly improving mobility and independence. This project demonstrated my ability to combine **hardware integration, problem-solving, and innovation** to create impactful real-world solutions.

## CERTIFICATES

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**Postman API Fundamentals Student Expert (Aug 2025)** – Gained hands-on expertise in APIs, testing, and collaboration workflows using Postman. Strengthened fundamentals in API development and real-world application.

**AWS Solutions Architecture Job Simulation – Forage (Jul 2025)** – Designed a scalable hosting architecture using Elastic Beanstalk for performance optimization, and effectively communicated architecture and cost analysis to clients in plain language.

**Best Lead Performer – Python & Gen AI Bootcamp (2025)** – Recognized as the Best Lead Performer for outstanding contributions, collaborative learning, and project execution in a bootcamp focused on Python programming and Generative AI, organized by Student Tribe.

**Deloitte Australia Technology Job Simulation – Forage (Jun 2025)** – Completed a job simulation focused on development and coding, and prepared a proposal for creating an interactive dashboard to support business insights.