

NALLAN CHAKRAVARTHULA ASWIN SAI

Hyderabad, Telangana, 500048
+91 7013056007 | aswinsai0309@gmail.com | <https://github.com/aswin-sai> |
<https://www.linkedin.com/in/aswin-sai-bb785b260>

Summary

Pursuing a degree in bachelor of technology in computer science. Passionate about improvising things which are already available, I'm skilled at breaking down problems, finding creative solutions quickly and also clearly communicate the solution. I'm curious, adaptable and always am eager to learn and grow.

Skills

Languages & Web: C, Java, Python, PHP, HTML, CSS, JavaScript, ShellScripting
Design & Productivity Tools: Canva, Microsoft Word, PowerPoint, Excel, Google Workspace
DataBases: SQL, MySQL
Frameworks/Libs: OpenCV, Tkinter
Soft Skills: Communication, Leadership, Teamwork, Critical Thinking
Marketing: Social Media Marketing, Pitching

Experience

Team Leader – SIH 2024

Led a 5-member team through ideation, research, and prototyping phases. Coordinated task assignments and prepared presentation materials for national-level judging

Marketing Lead/Social Media Admin/Content Creator – Vitacure a nurse hiring platform

Managed online presence, created promotional content, and pitched product to stakeholders at multiple innovation platforms

Vice President – Incubation and Business Club (IBC)

Kakatiya Institute of Technology and Science

Spearheading entrepreneurship and innovation-driven activities across campus.

Guided student startups from ideation to pitching; coordinated workshops, speaker sessions, and hackathons.

Actively involved in mentoring early-stage project ideas for scalability.

Executive Member – Music, Dance & Fine Arts (MDF)

Kakatiya Institute of Technology and Science

Played a key role in organizing cultural fests, talent showcases, and creative workshops.

Additional Joint Secretary – Computer Science Association (CSEA)

Kakatiya Institute of Technology and Science

Assisted in planning and executing technical events, coding contests, and knowledge-sharing sessions.

Helped coordinate inter-department collaborations and student engagement in tech activities.

Projects

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1. **Image Colorization** – Built a deep learning-based tool that colorizes black-and-white images using OpenCV and a pre-trained Caffe model, achieving visually realistic results.
 2. **To-Do List Web App** – Built a dynamic To-Do List web application with real-time task updates and a clean, user-friendly interface using HTML, CSS, and JavaScript.
 3. **Student Management System** – Developed a GUI-based application to manage student records, including enrollment, grades, and attendance.
 4. **2D Treasure Hunt** – Created an interactive 2D treasure hunt game using Java, featuring map navigation and logic-based clue solving.
 5. **Parking Lot Management System** – Built a complete parking lot system with ticketing, vehicle tracking, and fee calculation using Java Swing and OOP concepts.
 6. **Vitacure** – Led marketing strategy for a home-care services D2C platform focused on tier-2 cities, contributing to platform growth and user outreach.

Education

Bachelor of Technology - Computer Science and Engineering

KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE

CGPA: 9.12

Intermediate

Sri Chaitanya Junior Kalasa

95.6%

Secondary Schooling(SSC)

Sri Chaithanya School

GPA: 10.00

by 07/2026

WARANGAL

06/2022

HYDERABAD

03/2020

HYDERABAD

Internships

Research Experience

Currently pursuing a research internship at NIT Warangal, working on integrating quantum computing principles with image processing techniques to explore advanced computational models for image enhancement and analysis.

Certifications

Introduction to Cyber Security: Cisco Networking Academy

Introduction to Packet Tracer: Cisco Networking Academy

Cybersecurity Essentials: Cisco Networking Academy

Achievements

Vitacure – D2C Home-Care Platform for Tier-2 Cities

Currently developing a home-care services platform tailored for Tier-2 cities, offering direct-to-consumer healthcare access.

- Pitched at **Asia's largest tech fest, Cognizance @ IIT Roorkee**, receiving critical validation.
- **Semifinalists at EUREKA**, IIT Bombay's E-Cell startup competition—India's largest B-Plan contest.
- **Winners of IDEATHON**, KITS Warangal—a startup idea competition judged by professors and Founders-Lab experts.
- Selected and presented in **Smart India Hackathon 2024** as an innovative student-led healthcare solution.
- Live website: www.vitacure.life (former- HealConnectIndia).