



# Sahiti Lakkoju

## Bachelors of Technology: Computer Science

### Contact

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- <https://github.com/Sahiti1911>

### Language

- English
- Hindi
- Telugu

### Academics

#### Woxsen University, Hyderabad

B.Tech CSE | 2021 - 2025

CGPA: 3.02/4.00

#### DAV Public School, Kymore, Madhya Pradesh

Intermediate | 2019 - 2021

CGPA: 9.5/10

#### DAV Public School, Wadi, Karnataka

Matriculation | 2017 - 2019

CGPA: 9.1/10

### Technical Skills

Software Development, Frontend Development,,  
Web Development, Problem Solving, Version  
Control (Git), Debugging, Requirements Analysis,  
Project Management, Research.

### Tools

HTML, CSS, JavaScript, TypeScript, React, Angular,  
Node.js, Express.js, MongoDB, MySQL, Git, Tailwind  
CSS, Bootstrap, Jira, Python, Java, C++, PHP, SQL,  
Figma, Linux, WordPress

### Certification

- 2023-08 | Python (Basic) Certificate
- 2023-10 | Hands-on Introduction to Linux  
Commands and Shell Scripting
- 2024-07 | Responsive Web Design (free Code  
Camp)

### Objective

Results-driven Full Stack Developer with expertise in frontend and backend technologies, including HTML, CSS, JavaScript, React, Node.js, MongoDB, and MySQL. Skilled in developing UI/UX design, delivering high-performance, scalable applications. A strong communicator and team-oriented leader, passionate about problem-solving and creating user-centric solutions. Experienced in using tools like Git, GitHub and Jira to streamline development and collaboration, ensuring efficient workflows and quality results.

### Projects

#### Integrated Structural Health Monitoring System and Method (Patent Granted)

- Developed a system to evaluate structural strength and detect cracks.
- Enabled continuous monitoring and proactive maintenance, enhancing structural safety and lifespan.

#### Face Greet

- Created a Python and OpenCV-based facial recognition system with voice greetings.
- Designed to improve user interaction and smart security solutions for cross-platform applications.

#### Academic Navigator

- Built a responsive platform using HTML, CSS, and PHP to provide career guidance for underprivileged students.
- Integrated dynamic content and data analytics for personalized support and updates.

#### Complaint Management System

- Developed an intuitive system for tracking complaints using Python and MySQL.
- Streamlined communication between users and admins, leveraging real-time analytics for faster resolutions.

#### Collaborative Workflow Platform

- Developed a real-time collaborative platform for designing, editing, and executing workflows using WebSocket technology and Angular.
- Enabled multiple users to edit workflows simultaneously with session persistence, version control, and role-based user permissions (admin, editor, viewer).
- Designed to enhance team collaboration and streamline workflow management for cross-platform applications.

### Internship

Jan-2024 July 2024

The Correct Steps Consultancy LLP | Uttar Pradesh

#### Developer Intern

##### ERP Platform Development:

- Developed an ERP platform using the MERN stack and Tailwind CSS, featuring dashboards for CEOs, HR, and employees with analytics, leave management, and collaboration tools.
- Integrated RESTful APIs for data synchronization and cross-platform compatibility, ensuring a seamless and scalable solution.

##### Online Testing Platform Development

- Designed an online testing platform with real-time proctoring, automated performance tracking, dynamic leaderboards, and feedback mechanisms.
- Optimized UI/UX design for enhanced user experience while ensuring high performance and responsiveness using the MERN stack and Tailwind CSS.

### Patent & Achievements

**Patent Granted:** Integrated Structural Health Monitoring System and Method (Application No. 202241039812 A)

**Winner:** Hardwar Hackathon, UPES Dehradun – Received ₹1 lakh prize for innovative project development.

**Participant** – Centific Premier Hackathon: A two-week data, AI, and ML hackathon organized by Centific