

# Kuchipudi Pranav Sai

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## EDUCATION

Degree	Institute	CGPA/Percentage	Year
B.Tech	Gandhi Institute of Technology and Management	8.11(Till 6 <sup>th</sup> semester)	2022-2026
Intermediate	Narayana College, Kanuru	89%	2020-2022
School	Sri Chaitanya CO-IPL, Kanuru	96%	2019-2020

## PROFESSIONAL EXPERIENCE

### Security Analyst and Frontend developer

July 2024 - Present

Andhra Pradesh Technology Services (APTS), Government of India

- Gained practical experience in web development with HTML, CSS, JavaScript, React, Node.js, and MySQL
- Conducted vulnerability assessments using penetration testing tools including Burp Suite, SQLMap, and OWASP-ZAP
- Assisted in monitoring security systems, identifying potential threats, and implementing security measures
- Worked with IT teams to deploy security controls, firewalls, and intrusion prevention systems

### Research Intern

May 2025- July 2025

Indian Institute of Technology Jammu

- Worked as a Research Intern at IIT Jammu on a project focused on **transportation auditing**, contributing to data analysis and decision-making processes.
- Gained strong decision-making and problem-solving skills by addressing real-world transportation and auditing challenges.
- Acquired hands-on experience with industry-relevant software tools and collaborated with software engineers during the project.
- Explored and learned new frameworks and methodologies, enhancing technical expertise and adaptability in research-oriented environments.

## PROJECTS

### Meditech E-Card

Smart India Hackathon 2024

**Tech Stack:** HTML, CSS, React, Next.js, MySQL, Node.js

- Developed a system to avoid medical treatment delays and errors by assigning unique IDs to individuals, ensuring previous medical reports accessibility
- Enabled hospital administration to update medical reports upon patient discharge
- Implemented a superadmin role to ensure allocation of necessary policies and reflect updates in patient portal.

## Transportation quality monitoring app

Auditing app(IIT Jammu) 2025

**Tech Stack:** MEAN Stack, MongoDB, JWT Tokens, Ionic

- Designed and developed a transportation auditing system to streamline workflow among clients, auditors, and contractors.
- Enabled real-time data collection and management, ensuring faster and more accurate decision-making.
- Implemented a transparent workflow, allowing all stakeholders to track, monitor, and validate their respective tasks.
- Improved workflow efficiency and collaboration by providing a centralized platform accessible to all portals.

## TECHNICAL SKILLS

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**Programming Languages:** Python, C, Java

**Web Development:** HTML, CSS, JS, ReactJS, NextJS, NodeJS, ExpressJS, Flask, Tailwind-CSS, AngularJS, TypeScript

**Database:** MySQL, MongoDB

## CERTIFICATIONS

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- Microsoft AI Security Fundamentals
- Microsoft Governing and Protecting Sensitive Information in the Age of AI
- NPTEL Elite category certificate for Software Testing course provided by IIT Madras.
- Certificate of Appreciation from IIT Jammu for completing my assigned project.

## ACHIEVEMENTS

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- **Merit Scholarship:** Awarded a 25% merit scholarship for outstanding academic performance
- **Smart India Hackathon:** Twice nominated for the PRE-FINAL round of SIH, a prestigious nationwide competition for innovative problem-solving and received pride for creative thinking.
- **Certificate of Appreciation:** Received from Pragnya Student Club for contributions to student initiatives
- **Certificate of Appreciation:** At IIT Jammu for completing the assigned project in collaboration with the assigned mentor
- **Certificate of Participation:** At GITAM University for participating in hackathon conducted by Aero aestro club in which our team ranked at 4<sup>th</sup> place in it.

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## CO-CURRICULAR and EXTRA-CURRICULAR ACTIVITIES

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- **Github Community GITAM:**
  - Web security member: (2024-2025)**
  - Executive Body(Tech expert): (2025-2026)**
- **Shore Fest 2025:**
  - Volunteered for SHORE-2025, the biggest student festival at GITAM.