

# CHINTAMANENI NAGA PRASANNA

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## EXPERIENCE

### IIIT HYDERABAD

#### Research Intern

August 2023 – April 2024 IIIT-H

Developed frontend and backend web pages using MERN stack, accelerating project progress and enhancing user experience; contributed to ongoing projects at International Institute of Information Technology, Hyderabad.

## PROJECTS

### Volume and Brightness control through Hand Gestures

- Enabled seamless control of volume and brightness through intuitive hand gestures.
- Technologies:** Python, MediaPipe, OpenCV
- Role:** Implemented algorithms, achieving a 95% accuracy rate, and collaborated on the overall system design.

### Student Performance Dashboard

- Created a student performance dashboard for teachers and students to view and analyze subject-specific data.
- Technologies:** React.js, CSS, Python, Flask, MongoDB.
- Spearheaded the frontend development of a student performance dashboard, enhancing user engagement by implementing interactive elements that increased teacher and student usage rates to over 75%.

### Face Recognition-based Attendance System

- Developed python application to track attendance using face identity.
- Technologies:** OpenCV, Python.

## ACHIEVEMENTS

- Awarded 1st prize in IIIT Hyderabad Project Expo 2023.
- Secured 2nd prize in the INeuron hackathon 2022 at KIET.
- Appointed as Lance Corporal of KIET Coy, 18 (A)BN, Kakinada Group, 2021.
- Promoted to Junior Under Officer of KIET Coy, 18 (A)BN, Kakinada Group, 2022.
- Earned a position in the top 5% of applicants for an eight-month internship at IIIT-Hyderabad, 2023.
- Secured a VIP Pass to Attend Microsoft Event in Bangalore for successfully cracking of AI Odessey Challenge, 2024.

## EXPERTISE

- Effective Communication, Problem Solving.
- Tactical Planner and Analytical Thinker.
- Collaborative and Adaptable learner.

## EDUCATION

### B.Tech, Computer Science AI/ML

#### Kakinada Institute of Engineering and Technology

2020 – 2024 Kakinada

- CGPA - 7.8 CGPA

### Higher Secondary School

#### Sri Chaitanya Junior college

2018 – 2020 Vijayawada

- CGPA - 8.86

### Secondary School Certificate

#### Manasa English Medium High School

2018 Bhimadole

- CGPA - 10

## TECHNICAL SKILLS

**Programming Languages:** Python.

**Web Technologies:** React.js, Node.js, Flask, Express.js, MongoDB.

**Other Technologies:** Git, GitHub, Computer Vision, Machine Learning.

## CERTIFICATIONS

- FMML from IHub, IIIT Hyderabad.
- NCC B and C Certificates.
- Certified as Salesforce developer from Smart-Bridge.
- Microsoft AI Odyssey L2.
- Problem Solving from HackerRank.
- Obtained Prompt Design in Vertex AI Skill Badge from Google Cloud.

## ORGANIZING SKILLS

- Served as coordinator for discipline in the Special Coding Batch at KIET, managing standards for 80 students.
- Undertook the role of student organizer for IIIT Hyderabad's FMML programme, coordinated a team of 138.
- Served as the Convenor for a high-profile hackathon, overseeing event planning, logistics, and execution for approximately 700 students on each occasion.