

# KOTIKALAPUDI NAVYAN CHAITANYA RAJ

navyanchaitanya@gmail.com | +91 6281776363 | Kakinada,AP  
Linkedin | GitHub | LeetCode | HackerRank | CodeChef

## EDUCATION

<b>Aditya Engineering College</b> Artificial Intelligence and Machine Learning CGPA: 7.59	Surampalem, AP 2022 - Present
<b>Narayana Junior College</b> MPC Percentage: 62.7%	Kakinada,AP 2020 - 2022
<b>Bhashyam Public School</b> SSC Percentage: 98.83%	Kakinada,AP 2019 - 2020

## EXPERIENCE

<b>Aditya University   Intern</b> <ul style="list-style-type: none"><li>As part of my academic work at Aditya Engineering College, I worked on the development of a Drowsy Driver Detection System during the period May to June. The project was focused on enhancing road safety by detecting driver fatigue in real-time</li></ul>	Surampalem   May 2025 - June 2025
<b>Smart Internz   Intern</b> <ul style="list-style-type: none"><li>I have completed a two-month virtual internship with SmartInternz in the domain of artificial intelligence, organized by Smart Bridge Educational Services Pvt. Ltd.</li><li>During the internship, I worked on various projects involving machine learning, natural language processing, and computer vision. These hands-on experiences have significantly improved my technical abilities and problem - solving skills.</li></ul>	June 2024 - July 2024

## SKILLS

Programming Languages:	Python, Java, C
Libraries/Frameworks:	Javascript, React, Angular, REST API, Flask
Tools / Platforms:	Git, GitHub, Docker, Figma, Kubernetes
Databases:	SQL, MangoDB, SQLite

## PROJECTS / OPEN-SOURCE

<b>Drowsy Driver Detection System</b> <ul style="list-style-type: none"><li>Developing a system that detects drowsiness in drivers using Natural Language Processing, computer vision, and machine learning techniques, including Anomaly Detection to identify abnormal patterns in driver behavior.</li><li>Uses image processing techniques to detect signs of drowsiness, such as eye closure, yawning, and head movement</li></ul>	Python, Dlib, Computer vision, NLP
<b>Face Attendance System   Link</b> <ul style="list-style-type: none"><li>Developed a Facial Attendance System using Flask, OpenCV, and the Face Recognition API, enabling real-time face detection and automated attendance marking through a live camera feed.</li><li>The system captures facial images, generates unique face encodings, and accurately matches them against a stored faculty/student database to mark attendance with high precision.</li></ul>	openCV, Face Recognition API, Python, HTML5, CSS
<b>AI-Powered Chatbot using Gemini API   Link</b> <ul style="list-style-type: none"><li>Built an AI-driven chatbot using the Gemini API for human-like interactions and virtual assistance. Integrated advanced NLP for context-aware, intelligent responses.</li><li>Optimized conversation flow and user experience with a focus on Accessibility</li></ul>	Gemini API

## CERTIFICATIONS

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- Java - **HackerRank**
- Python - **HackerRank**
- Google UX Design - **Coursera**
- Cognizant's Artificial Intelligence - **Forage**
- Deloitte's Data Analytics - **Forage**
- Google Introduction to Git and GitHub - **Coursera**

## HONORS & AWARDS

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- Completed 240+ programs in Leetcode
- Gold Badges in C, Java, Python in HackerRank
- Completed 420+ programs in CodeChef