

ADITYA SATULURI

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EDUCATION

Bachelor of Technology in Computer Science and Engineering R. V. R. & J. C. College of Engineering, Chowdavaram	2022 – 2025 Grade: 8.90
Diploma in Computer Engineering A. A. N. M. & V. V. R. S. R. Polytechnic, Gudlavalleru	2019 – 2022 93%

INTERNSHIPS

Developer Intern (In-Office) Defence Research and Development Organisation (DRDO)	Feb 2025 – May 2025 <i>Hyderabad, IN</i>
<ul style="list-style-type: none">Contributed to the development of OIL-AGenT, a real-time testbed framework for automating On-Board Computer (OBC) software validation in avionics.Developed desktop software using C++, Python, and utilized PySide6 to design and implement an interactive UI for scheduling, executing, and monitoring simulation runs, improving process efficiency by 80%.Assisted in setting up API endpoints and database interactions using Prisma ORM, MariaDB, and Express.js.	

PROJECTS

Obscura: AI-powered Entity Detection & Redaction Tool github.com/adityasatuluri/obscura	Feb 2025 - Mar 2025
<ul style="list-style-type: none">Built an AI tool with Streamlit UI to detect and redact Personally Identifiable Information (PII).Fine-tuned a NER model, achieving 96% accuracy.Integrated Mistral OCR for PDFs/images, doubling parsing speeds.	
ClusterGen: AI-Powered Multi-Functional Tool github.com/adityasatuluri/cluster-gen	Jul 2024 - Sep 2024
<ul style="list-style-type: none">Built an all-in-one tool featuring AI web scraping, chatbot, and image generation.Included real-time scraping, audio chat, and FLUX-based image generation.	
FlexChat – Real-Time Chat Application (MERN) github.com/adityasatuluri/flex-chat	May 2025 - Jul 2024
<ul style="list-style-type: none">Engineered a real-time chat application using MongoDB, Express.js, React, Node.js (MERN) and Socket.io for bi-directional communication.Implemented secure user authentication and authorization with JWT, improving account safety and session management.Designed a responsive UI with Tailwind CSS, ensuring cross-platform compatibility and accessibility.	

SKILLS

Languages	Python, JavaScript, SQL, HTML
Frameworks/Tech	Tailwind, FastAPI, MERN, REST APIs, Streamlit, Docker, PostgreSQL, Prisma DB

CERTIFICATIONS

- React Basics (Coursera)
- AWS Academy Graduate - Cloud Foundations (AWS)
- PCAP: Python Essentials (OpenEDG)

ACHIEVEMENTS

- Secured **2nd Prize** in Rapid ML (Jan 2024) contest at V. R. Siddhartha College of Engineering, Vijayawada.
- Finalist** in Smart India Hackathon (Dec 2023) for developing a mental health app.