

# ADITYA SATULURI

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## EDUCATION

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

## INTERNSHIPS

<b>Developer Intern (In-Office)</b>	Feb 2025 – May 2025
Defence Research and Development Organisation (DRDO), Hyderabad, IN	
<ul style="list-style-type: none"><li>Developed desktop software with <b>C++/Python</b> and <b>PySide6</b>, improving OBC software validation efficiency by <b>80%</b>.</li><li>Assisted in designing RESTful <b>APIs</b> and database workflows using <b>Express.js</b>, <b>Prisma ORM</b>, <b>MariaDB</b>, ensuring secure data access and reducing retrieval time.</li><li>Gained experience collaborating in Agile-like workflows, handling iterative testing and debugging cycles.</li></ul>	

## PROJECTS

<b>FlexChat – Real-Time Chat Application (MERN)</b>	May 2024 – Jul 2024
<a href="https://github.com/adityasatuluri/flex-chat">github.com/adityasatuluri/flex-chat</a>	
<ul style="list-style-type: none"><li>Built a real-time chat app using <b>MongoDB</b>, <b>Express.js</b>, <b>React</b>, <b>Node.js</b> and <b>Socket.io</b> for bi-directional communication.</li><li>Implemented secure authentication/authorization with <b>JWT</b>.</li><li>Used <b>Zustand</b> for state management, improving the scalability and performance of chat sessions.</li><li>Designed responsive UI with <b>Tailwind CSS</b>, ensuring accessibility across devices.</li></ul>	
<b>Obscura – AI-Powered Entity Redaction Tool</b>	Feb 2025 – Mar 2025
<a href="https://github.com/adityasatuluri/obscura">github.com/adityasatuluri/obscura</a>	
<ul style="list-style-type: none"><li>Developed a Streamlit-based AI app to detect and redact PII in text and documents.</li><li>Fine-tuned an NER model achieving <b>96% accuracy</b>; integrated OCR for PDFs/images, doubling parsing speeds.</li><li>Explored <b>AI-powered code generation workflows</b> for rapid prototyping.</li></ul>	
<b>ClusterGen – AI-Powered Multi-Functional Tool</b>	Jul 2024 – Sep 2024
<a href="https://github.com/adityasatuluri/clustergen">github.com/adityasatuluri/clustergen</a>	
<ul style="list-style-type: none"><li>Built an all-in-one app with <b>real-time web scraping</b>, <b>chatbots</b>, <b>audio chat</b>, and AI-based image generation.</li><li>Integrated <b>REST APIs</b> for data fetching and external services.</li></ul>	

## SKILLS

<b>Languages</b>	JavaScript, Python, SQL, HTML, CSS
<b>Frameworks/Tech</b>	React, Node.js, Express js, Mongo DB, Zustand, Tailwind, REST APIs, Streamlit
<b>Tools</b>	Git/GitHub, Docker, PostgreSQL
<b>Practices</b>	UI/UX Design, Responsive Web Design, API Integration, Unit Testing (basics)

## CERTIFICATIONS

- React Basics (Coursera - Meta) ([Link](#))
- AWS Academy Graduate - Cloud Foundations ([Link](#))
- PCAP: Python Essentials ([Link](#))
- UX Design Specialization (Coursera - Google) ([Link](#))