

Skills

Languages Python, Java, C, JavaScript, C++ , SQL, HTML, CSS
Frameworks React, Node.js, Flutter

Tools Kali Linux, Wireshark, Nmap, Burp Suite, Splunk, Chronicle, MySQL, PostgreSQL, Excel, Tableau, Jupyter, Google Colab, AutoAI, Firebase, n8n, Langchain, Flowise

Projects

Integrated Geo-Referenced Fish Catch Data Repository and Access System

Aug 2024- Dec 2024

Smart India Hackathon 2024 Grand Finalist: Ministry of Earth Sciences

- Designed a web application having Admin and User Portals with React.js (frontend) and PostgreSQL (backend), enabling advanced geospatial data management for PFZ-validated, landing center, and species-specific datasets.
- Implemented geotagging via PostgreSQL triggers and integrated the Google Geocoding API for location-based data enrichment and deployed PostgreSQL on an SSL cloud for secure Tableau Cloud and Bridge integration, supporting real-time visualizations with features.

Password Strength Checker

February 2025 - April 2025

- Developed a Python-based password strength checker to analyze password security based on length, complexity, and entropy.

Movie Recommendation System

February 2025 - April 2025

- Developed a content-based recommendation system using TF-IDF Vectorization and Cosine Similarity in Python, integrated with a Streamlit web app featuring custom CSS styling for personalized movie recommendations. Leveraged Pandas and Scikit-learn for efficient data processing, displaying movie details like genres, release date, ratings, and overviews with dynamic filtering based on user input.

E-Commerce Website Development

April 2025

- Built a static jewelry retail website with product categorization, interactive elements, and performance optimization, implementing responsive design principles and clean UI/UX for an elegant shopping experience.

Education

Vidyalankar Institute of Technology

Bachelor of Technology in Electronics and Computer Science [CGPA of Sem 1-6 : 9.52]

Honours: Advanced Data Analytics

Extra Curriculars

- TEDx : Curator (Prepared and coordinated speech for the honourable Ex-Chairperson of AICTE, Dr. S.S. Mantha), Public Relations and Event Coordinator
- Computer Society of India : Executive Lead
- Google Developer Students Group : Public Relations

Certifications

- Google Cybersecurity
- IIM Mumbai Business Management [Transfer Credit Course: 4 Credits]- Marks Obtained (96/100)
- AWS Cloud Architecting
- Cisco Introduction to Cybersecurity
- ISRO (IIRS, DEHRADUN) : Geo-Data Sharing and Cyber Security
- ISRO (IIRS, DEHRADUN) : Geo-Data Processing Using Python and Machine Learning

Hackathons

- Smart India Hackathon 2024 Grand Finalists
- Nirman: Amity University, Mumbai 2025 Grand Finalists

Experience

Cybersecurity Intern at Cloud Counselage

January 2025 - April 2025

- Conducted a comprehensive security audit of deployed websites, identifying vulnerabilities and software exploits.
- Documented findings and provided a detailed report with recommendations for security improvements and future risk mitigation.

Tata Cybersecurity Security Analyst Job Simulation on Forge

January 2025

- Completed a job simulation involving identity and access management (IAM) for Tata Consultancy Services, collaborating with a Cybersecurity Consulting team.
- Acquired expertise in IAM principles, cybersecurity best practices, and strategic alignment with business objectives.

Acmegrade : Cyber Security Intern

July 2023 – September 2023

- Acquired practical knowledge of cybersecurity tools like Burp Suite, Wireshark, and Metasploit in a professional environment.