

SRIKAR AMBULA

Eluru, Andhra Pradesh

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Education

Indian Institute of Information Technology (IIIT), Sricity

2021 – 2025

- Bachelor of Technology in Computer Science and Engineering

CGPA: 9.18 (Till 6th Semester)

- **Technical Courses:** Data Structures and Algorithms, Operating Systems, Database Management Systems, Object Oriented Programming, Full Stack Development, Computer Networks

Sri Chaitanya, Vijayawada

2019 - 2021

- Andhra Pradesh Board of Intermediate Education(BIEAP)

97.8%

Dr.K.K.R'S Gowtam School, Eluru

2019 - 2021

- Board Of Secondary Education Andhra Pradesh (SSC)

10/10

Professional Experience

Quest Global Engineering Services Private Limited, Bangalore, India

June 2024 - July 2024

Intern, Data Visualization and Python Automation

- Developed advanced data visualization tools and interactive dashboards to enhance data analysis.
- Implemented Python automation scripts to streamline data management processes.
- Created dynamic visualizations to explore and present complex data relationships.
- Collaborated with team members to troubleshoot and resolve technical issues, enhancing problem-solving skills.

Projects

Vihari | MongoDB, Express, React, and Node.js | 🌐 GitHub | 🔗 Live | Dec 2023 - May 2024

- Developed a secure login system using JWT for user authentication, including signup/login functionalities with data encryption and validation. Documented the API with Swagger for better integration.
- Designed user-friendly dashboards for users, agents, and admins. Enabled functionalities for users to register, book buses/tours, and manage profiles, and for agents to add/manage tours and buses.
- Efficiently managed user accounts with accurate role assignments and implemented features for handling agents(accept/reject/block/unblock). Integrated email notifications for important messages.

Learnify | MongoDB, Express, React, and Node.js | 🌐 GitHub | 🔗 Live | April 2024 - June 2024

- Developed a MERN stack web application with OAuth 2.0 authentication and role-based access control for creators to upload videos and students to view them.
- Created a hierarchical data structure for infinite threaded comments on videos.
- Utilized AWS S3 and CDN for efficient storage and delivery of videos and images.
- Implemented Pre-Signed URLs for direct uploads to S3, ensuring optimal performance.

Twitter Sentiment Analyzer | Natural Language Processing | 🌐 GitHub | Aug 2023 - Dec 2023

- Developed a Twitter sentiment analyzer project from scratch using Python, focusing on real-time or batch processing and visualization of sentiment trends..
- Mastered essential data preprocessing techniques including lowercasing, removing duplicates, tokenization, text normalization, stopwords removal, stemming, and lemmatization without reliance on external libraries.
- Implemented a data pipeline for sentiment analysis, from dataset exploration to model implementation and evaluation, demonstrating proficiency in each step of the process.

Technical Skills

- **Programming Languages:** C, C++, JavaScript,Python
- **Web Technologies:** HTML, CSS, React.js, Node.js, Express.js , REST API, MongoDB , SQL
- **Others:** Git, Github, Postman, Vs Code

Achievements

- **Hackathon Participation:** Flipkart GRID 5.0 - Software Development Track, Coca-Cola Disrupt Season 3, TVS Credit E.P.I.C 5.0 - IT Challenge, Tata Imagination Challenge.
- Secured All India Rank **28k** in JEE MAIN 2021.

Profile Links

- **Leetcode**
- **GeeksforGeeks**