

Srinadh Ghattamneni

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[LinkedIn](#) | [Github](#) | [Leetcode](#)

EDUCATION

Sagi Rama Krishnam Raju Engineering College, Bhimavaram

2022 - 2026

Btech in **Computer Science and Engineering**

CGPA: **8.92** (up to 6th semester)

WORK EXPERIENCE

Cognifyz Technologies

October 2024 – November 2024

Full Stack Web Development Intern | Remote

- Completed 8 structured internship tasks covering frontend, backend, and full-stack development.
- Built RESTful APIs, implemented server-side validation, session handling, and middleware.
- Applied authentication using Passport.js and managed MongoDB-backed sessions securely.
- Designed responsive UI with Bootstrap and integrated client-side form validations.
- Applied all concepts in developing and deploying a **full-stack travel booking web app**, Wanderlust.

NIELIT Virtual Academy (Govt. of India) [Certificate.pdf](#)

June 2024 - July 2024

ML Intern | Remote

- Performed data preprocessing, feature engineering, PCA, and applied scaling techniques for model readiness.
- Built and tuned models (KNN, SVM, Decision Trees, Random Forest) using GridSearchCV with cross-validation.
- Applied clustering techniques (K-Means, Fuzzy C-Means, DBSCAN) and explored deep learning with CNNs.
- Completed a capstone project on **diabetes prediction**, achieving **98.61%** accuracy through end-to-end model development.

PROJECTS

Holiday Hub | [link](#)

January 2025

HTML, CSS, Node.js, Express.js, MongoDB, Bootstrap

Description: Developed a full-stack travel booking web app using MVC architecture with secure user authentication via Passport.js and session storage in MongoDB. Built RESTful APIs with Express and Mongoose for listings/reviews and validated data using Joi. Integrated image uploads via Multer and cloud storage, and embedded interactive maps using Mapbox. Used EJS for templating and Bootstrap for a responsive UI.

Diabetes Prediction Using Machine Learning | [link](#)

July 2024

Python, Numpy, Scikit-learn, Pandas

Description: Built a machine learning model with 98.6% accuracy for diabetes prediction using Random Forest, Decision Tree, KNN, and SVM. Applied SMOTE and under-sampling for class balancing, and performed feature scaling. Leveraged K-Fold Cross Validation with GridSearchCV for robust hyperparameter tuning and model evaluation.

Chat sphere | [link](#)

May 2025

React, Node.js, Express, Socket.IO, Bootstrap

Description: Developed a Real-time web chat app with multiple rooms joined via codes, styled with Bootstrap. Implemented Socket.IO for instant messaging without chat storage, handling full-stack development. Created an intuitive UI to enable seamless user interaction and room navigation.

SKILLS

Programming Languages: C, C++, Python, Java, JavaScript, R programming

Web Technologies: React, Express, Node.js, MongoDB, HTML, CSS, Bootstrap

Tools: Visual Studio Code, Git & GitHub, Postman

Other Skills: SQL, DBMS, OOPs, Computer Networks, Operating Systems, Machine Learning

CERTIFICATIONS AND ACHIEVEMENTS

- Achieved Google Cloud Computing Foundations Certificate in cloud computing Issued by Google Cloud.
- Earned AWS Cloud Practitioner Essentials and AWS Data Engineering badges.
- Completed NPTEL certifications in Programming in Java (score: 78) and Data Structures & Algorithms using Java (score: 80)
- Earned Introduction to Data Science with Python certificate from HarvardX (edX).
- Certified in Introduction to Cybersecurity by Cisco.
- Certified in Programming Essentials in Python from Cisco Networking Academy & OpenEDG.
- Solved over 160 DSA problems on Leet Code, Hacker Rank, and Geeks for Geeks.

