

Srinadh Ghattamneni

+91 9392378160 | srinadhghattamneni1990@gmail.com | [LinkedIn](#) | [Github](#) | [Leetcode](#) | [Portfolio](#)

EDUCATION

Sagi Rama Krishnam Raju Engineering College, Bhimavaram

2022 - 2026

Btech in Computer Science and Engineering | CGPA: **8.92**

Narayana Junior College (BIEAP)

2020 - 2022

MPC | Percentage 12th: **91.2%**

Indian Blossoms International School (ICSE)

2020

Percentage 10th: **91.8 %**

EXPERIENCE

Cognifyz Technologies | Web Development Intern | Remote

October 2024 – November 2024

- Completed 8 structured internship tasks covering frontend, backend, and full-stack development.
- Built and secured RESTful APIs with server-side validation, middleware, and authentication (Passport.js), while designing a responsive UI using Bootstrap with robust front-end input validation mechanisms.
- Applied all concepts in developing and deploying a **full-stack holiday booking web app**, HolidayHub.

NIELIT Virtual Academy | ML Intern | Remote

June 2024 - July 2024

- Developed a **diabetes prediction model** using ML algorithms (Random Forest, SVM, KNN, and Logistic Regression), achieving 98.5% accuracy through end-to-end development.
- Leveraged SMOTENC for class balancing, feature selection, and GridSearchCV with stratified cross-validation for hyperparameter tuning.
- Validated performance using F1-score and AUC-ROC, ensuring robust predictive accuracy and reliable performance on unseen data.

PROJECTS

Holiday Hub | [link](#)

January 2025

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

Description: Developed a full-stack holiday 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 Leaflet.js. Used EJS for templating and Bootstrap for a responsive UI.

Chat sphere | [link](#)

May 2025

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

Description: Developed a full-stack real-time chat application with multiple rooms joinable via unique codes. Integrated Socket.IO for instant, bidirectional messaging and implemented dynamic room capacity tracking. Secured access using JWT-based authentication and protected routes. Designed a clean, responsive UI with Bootstrap and custom CSS for intuitive room navigation and messaging.

AI Chatbot Application | [link](#)

July 2025

React.js, Node.js, Express.js, MongoDB, Gemini API

Description: Built a full-stack AI chatbot web app using Google's Gemini API to replicate core ChatGPT functionality. Developed a modern, responsive UI for real-time interaction. Secured routes with JWT-based authentication and Axios interceptors. Integrated express-rate-limit for abuse prevention and environment-based configuration for smooth deployment. Deployed on Vercel with production-ready configuration.

SKILLS

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

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

Tools: Visual Studio Code, Git & GitHub, Postman

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

CERTIFICATIONS AND ACHIEVEMENTS

-AWS Academy Cloud Foundations – AWS

-Developing Front-End Apps with React – IBM (edX)

-Introduction to Data Science with Python – HarvardX (edX)

-Programming in Java (Score: 78) and DSA using Java (Score: 80) – NPTEL

-Programming Essentials in Python and C++ – Cisco Networking Academy

-Solved 200+ DSA problems on LeetCode, HackerRank and GeeksforGeeks

