

Srinadh Ghattamneni

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EDUCATION

Sagi Rama Krishnam Raju Engineering College, Bhimavaram Btech in Computer Science and Engineering CGPA: 8.92	2022 - 2026
Narayana Junior College (BIEAP) MPC Percentage 12 th : 91.2%	2020 - 2022
Indian Blossoms International School (ICSE) Percentage 10 th : 91.8 %	2020

EXPERIENCE

Cognifyz Technologies Web Development Intern Remote	October 2024 – November 2024
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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 HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, Bootstrap	January 2025
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 React, Node.js, Express, MongoDB, Socket.IO, Bootstrap	May 2025
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.	
Diabetes Prediction Using Machine Learning link Python, NumPy, Pandas, Scikit-learn	July 2024
Description: Developed a diabetes prediction model using supervised learning algorithms (Random Forest, SVM, KNN, Logistic Regression), achieving 98.5% accuracy. Applied SMOTENC for class balancing, mutual information for feature selection, and tuned hyperparameters using GridSearchCV with stratified cross-validation. Validated models with F1-score and AUC-ROC to ensure strong generalization and predictive reliability on unseen data.	

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

