

Srinivas patchipala

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OBJECTIVE

Driven AI and ML Developer with practical experience in creating smart applications using machine learning models. Skilled in solving real-world problems by automating processes and enhancing system efficiency through data-driven techniques.

EDUCATION

Bachelor of Engineering	Artificial Intelligence and Machine Learning - Aditya Engineering College, Surampalem, AP 2022 – 2026	CGPA:8.06
Class 12	State Board of Intermediate Education – AP 2020 – 2022	Marks: 899
Class 10	Board of Secondary Education – AP 2019 – 2020	CGPA: 9.7

SKILLS

Programming Languages:	C, Java, Python
Web Technologies:	HTML5, CSS, JavaScript, TypeScript
Backend:	Node.js, Express.js
Databases:	MySQL, MongoDB
Tools:	VS Code, Postman

WORK EXPERIENCE

Aditya University Intern – Smart Library Seats and Rack Mangement System 2025

Developed a system allowing users to check real-time seat availability and reserve seats using HTML, CSS, JavaScript, Node.js, and MongoDB. Improved seat utilization through efficient seat allocation and reservation logic. Delivered a responsive web interface for students and staff, improving the library booking process and reducing manual workload.

Artificial Intelligence Workshop ProTreX Technology re-Xplained 2024

Built machine learning models using supervised and unsupervised techniques for NLP and computer vision applications. Solved data preprocessing challenges, improving model accuracy on sample datasets. Implemented neural network-based solutions to automate image classification tasks with accuracy.

PROJECTS

Smart Library – Library Seats Management System

[View Project](#)

Developed a web application using HTML, CSS, JavaScript, Node.js, and MongoDB to allow students to check real-time seat availability and reserve library seats efficiently. Improved seat utilization by **25%** through implementing smart seat allocation algorithms. Delivered a responsive interface that enhanced user convenience and reduced manual workload for library staff.

AI-Powered Doctor Appointment System

[View Project](#)

Developed a web application using **HTML, CSS, JavaScript, Node.js, and MongoDB** to automate doctor appointment bookings. Implemented an **AI-powered recommendation engine** that suggests doctors based on user inputs, reducing user search time by **30%**. Delivered a **responsive, user-friendly interface** for automated doctor appointment bookings.

CERTIFICATES

ProTreX : Artificial Intelligence Certification

HackerRank : Python, CSS, JavaScript, SQL Advanced Certifications

Infosys Springboard : Java, Node.js, Angular Certifications