

Srinivas Patchipala

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OBJECTIVE

AI & Full-Stack Developer skilled in building intelligent, scalable, and user-centric applications using modern web and ML technologies.

EDUCATION

B.Tech – Artificial Intelligence & Machine Learning	Aditya Engineering College, AP (2022 – 2026)	CGPA: 8.08
Class 12 – State Board (AP)	(2020 – 2022)	89.9%
Class 10 – Board of Secondary Education (AP)	(2019 – 2020)	CGPA: 9.7

TECHNICAL SKILLS

Languages: Python, Java, C
Frontend: React.js, TypeScript, HTML, CSS, JavaScript
Backend: Node.js, Express.js, Flask
Databases: MongoDB, MySQL
AI/ML: TensorFlow, Scikit-learn, Pandas, NumPy
Tools: Postman, JWT, Axios, Framer Motion

EXPERIENCE

Aditya University May 2025 – Jun 2025
Software Engineer Intern – Smart Library Seat Management System

- Developed a full-stack seat reservation system using Node.js, Express, and MongoDB.
- Implemented real-time seat tracking with a responsive frontend.
- Improved seat utilization by **25%** and reduced manual work by **40%**.

ProTreX Technology re-Xplained Jun 2024 – Jul 2024
Project Intern – Smart Security Face Recognition System

- Built a real-time face recognition system using Python and OpenCV.
- Implemented CNN-based face detection for authorized access control.
- Integrated live camera feeds with automated alerts.

PROJECTS

AI Health Assistant & Appointment Booking System May 2025 – Present
Full-Stack AI Web Application — [Live Demo](#)

- Built an AI-powered healthcare platform for health prediction and appointment booking.
- Developed a React + TypeScript Symptom Checker integrated with Flask ML service.
- Implemented secure Node.js + MongoDB backend for authentication and appointments.
- Integrated AI chatbot (Groq API – LLaMA) and automated PDF receipt generation.

Smart Library Management System Jan 2025 – Mar 2025
Full-Stack Web Application — [Live Demo](#)

- Developed a real-time library seat reservation system with role-based access.
- Reduced overcrowding and improved seat utilization by **25%**.
- Built admin dashboard for monitoring reservations and seat status.

CERTIFICATIONS

ProTreX – Artificial Intelligence
HackerRank – Python, JavaScript, SQL (Advanced)
Infosys Springboard – Java, Node.js, React