Mani Shivanand Musani

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EDUCATION

Bharath Institute of Higher Education and Research, Chennai 2021 – 2025
B.Tech – Computer Science and Engineering (85.0%)
Sri Chaitanya Junior College, Hyderabad 2019 – 2021
Intermediate – MPC (9.0 CGPA)
Keshava Reddy Residential School, Chevella 2014 – 2019
Secondary School Certificate – SSC (9.5 CGPA)

SKILLS

Frontend: HTML, CSS, Bootstrap, JavaScript, React.js*
Backend: Python, Node.js, Express.js*
Databases: SQLite
Other: Flexbox, Microsoft Power BI

**Courses yet to be completed and Ongoing*

LIVE PROJECTS

CarGenie – GitHub - Link

Developed a full-stack web application using React.js, Node.js, and MongoDB with a focus on speed, scalability, and user personalization.
Engineered advanced car search and dynamic comparison features using optimized APIs and intuitive UI components.
Built a secure admin dashboard enabling real-time inventory management with JWT authentication and modular backend services.
Technologies used: React.js, JavaScript, Node.js, MongoDB, JWT, Cloudinary.

Comments App – GitHub

Designed a user-friendly interface for adding, liking, and deleting comments, fostering seamless user engagement.
Implemented functionality to add new comments with name and comment inputs, ensuring an intuitive and efficient commenting experience.
Integrated a Like feature with toggle functionality to visually indicate user appreciation for comments.
Developed a dynamic comments count feature that updates in real-time based on user actions, improving overall interactivity.
Technologies Tools used: React JS, CSS, JavaScript.

Intelligent Surveillance System

Designed and developed a deep learning-based surveillance system to monitor live video feeds and detect anomalies in real-time.
Integrated video processing using OpenCV and implemented alert triggers for suspicious activities to ensure security.
Used a trained model to identify unusual human behavior, enabling proactive monitoring and faster incident response.
Deployed the system using Flask for a user-friendly web interface with live stream support.
Tools & technologies used: Python, OpenCV, TensorFlow, Flask.

CERTIFICATIONS

- Built Your Own Static Website – NxtWave
- Responsive Website – NxtWave
- Programming Foundation (Python) – NxtWave
- SQL: Introduction to Databases – NxtWave
- JavaScript: Dynamic Web Apps – NxtWave
- Developer Foundations – NxtWave
- Full-Stack Certification – NxtWave (Ongoing)