

# Manoj Salugari

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🐙 [GitHub](#)

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Passionate Computer Science student specializing in Data Science with strong foundations in Python, AI/ML development, and data analytics. Experienced in building scalable applications with real-time features and data-driven solutions. Strong foundation in machine learning algorithms, data structures, and statistical analysis. Eager to apply AI/ML techniques to solve real-world problems, particularly in image processing and geospatial solutions

## Education

### B.Tech in CSE (Data Science)

MLR Institute of Technology

2022 – 2026

CGPA: 8.03/10

### Intermediate (MPC)

Resonance Junior College

2020 – 2022

Percentage: 90.1%

### SSC (10th Grade)

Board of Secondary Education

2019 – 2020

GPA: 10/10

## Technical Skills

**Programming Languages:** Python, Java, TypeScript, R, C

**AI/ML & Data Science:** TensorFlow, NumPy, Pandas, Matplotlib, OpenCV

**Web Development:** Next.js, AngularJS, Node.js, HTML, CSS

**Databases:** MongoDB, PostgreSQL, Firebase, MySQL, NeonDB

**Tools:** Git, GitHub, PowerBI, ServiceNow, Jupyter Notebook, Google Colab

## EXPERIENCE

### FRONT END DEVELOPMENT CONTENT ADVISOR | LogRocket

August 2025 – Present

- Selected to join LogRocket's Content Advisory Board to review and shape high-quality frontend development content.
- Collaborate remotely with a global team of developers and content creators to enhance industry-leading publications.
- Contributed to maintaining editorial standards, ensuring accuracy, clarity, and technical depth.

## Projects

### CHATWITHPDF-AI [Live Demo](#)

- Built a full-stack AI SaaS application to chat with any PDF and integrated OpenAI APIs for real-time content generation.
- Utilized AWS S3 to manage PDFs and optimized performance using Webpack with effective debugging.
- Implemented JWT and OAuth 2.0 authentication with Clerk Auth, ensuring secure access and data protection.
- Deployed on Vercel with serverless functions, Docker, and Kubernetes for scalability and performance optimization.
- Leveraged PostgreSQL and optimized data handling to enhance maintainability, performance, and scalability.

### JOBSCULPT-AI [Live Demo](#)

- Developed a scalable full-stack AI SaaS platform to generate resumes, cover letters, and conduct AI interviews.
- Integrated Gemini AI, implemented CI/CD pipelines, and improved code quality by 31% through RESTful APIs.
- Optimized state management using Redux and Context API for seamless UI/UX and cross-browser compatibility.
- Integrated PostgreSQL with optimized data handling, improving maintainability and performance by 27%.

### CONNECTNOW [Live Demo](#)

- Developed a full-stack video conference platform with real-time chat, collaborative code editing, and an interactive whiteboard.
- Reduced tool-switching by 60%, integrated Clerk for authentication and Stream for messaging.
- Enabled multi-user CodeShare with <100ms latency using TypeScript and deployed on Vercel.
- Built with modular Next.js achieving 99.9% uptime and low-latency global access.

## Certifications

**ServiceNow Certified System Administrator** — ServiceNow, Jul 2025

**Smart Interviews - DSA Program** — Smart Interviews, Mar 2025

**Data Analytics Essentials** — Cisco Networking Academy, Nov 2024

**Problem Solving (Intermediate)** — HackerRank, 2024

**Python Essentials 1** — Cisco Networking Academy, Nov 2024

**Python Essentials 2** — Cisco Networking Academy, Nov 2024