

Debajeet Mandal

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[LinkedIn](#) — [GitHub](#) — [Portfolio](#)

Summary

Aspiring AI researcher and full-stack developer with experience in building intelligent systems and working with real-world datasets. Interested in machine learning systems, optimization, and scalable AI applications.

Technical Skills

Languages: Python, C++, JavaScript
Frameworks: PyTorch, Pandas, NumPy, Node.js
Concepts: Data Structures, Algorithms, Basic Machine Learning
Tools: n8n, REST APIs, Git

Research Interests

Machine Learning Systems, AI for Social Impact, Optimization and Data-driven Decision Systems

Projects

Impact Bridge — AI-based NGO–CSR Matching System

[Live Link](#)

- Designed an AI-based recommendation system using structured data.
- Explored ranking logic to improve matching relevance.
- Focused on explainability and transparency in outputs.

Bharat Nirman — Data-driven Decision Dashboard

[GitHub](#)

- Analyzed geospatial datasets to generate decision insights.
- Implemented scoring mechanisms for suitability evaluation.

Automated Content Generation System

[GitHub](#)

- Built pipeline for generating and processing text using LLMs.
- Designed structured workflows for scalable automation.

Education

B.Tech in Computer Science (Data Science)

Ajeenkya D Y Patil University, Pune

2025 – 2029

Relevant Coursework

Data Structures and Algorithms, Linear Algebra (Self-study), Probability and Statistics (Basics), Machine Learning (Fundamentals)

Additional

- Experience building end-to-end systems from idea to deployment.
- Strong interest in research-oriented experimentation.
- Fast learner with iterative problem-solving mindset.