

# Partha Paul

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Computer Science Engineering undergraduate with a focused interest in **Artificial Intelligence and Machine Learning**, building skills from fundamentals to industry standards. Strong foundation in core computer science subjects, Python programming, data structures, and applied mathematics for ML. Actively learning through daily practice, hands-on coding, and structured note-making, with consistent contributions to GitHub. Self-driven, disciplined, and committed to long-term growth in AI/ML engineering roles.

## Academic & Practical Experience

2026 – PRESENT

### AI/ML Learning & Development | Self-Directed

- LEARNING AI/ML SYSTEMATICALLY FROM SCRATCH TO INDUSTRY LEVEL USING A STRUCTURED ROADMAP
- IMPLEMENTING CONCEPTS USING **PYTHON, NUMPY, PANDAS, MATPLOTLIB, AND JUPYTER NOTEBOOKS**
- CREATING WELL-DOCUMENTED NOTES ALONGSIDE CODE FOR LONG-TERM RETENTION AND REVISION
- REGULARLY PUSHING DAILY CODE, EXPERIMENTS, AND LEARNING LOGS TO GITHUB
- APPLYING CORE CSE CONCEPTS (DSA, DBMS, CN, OS) TO UNDERSTAND ML SYSTEMS HOLISTICALLY

2024 – 2025

### FilmFusion – AI-Powered Film Recommendation Web App

Python • Gemini API • NLP • Next.js • Vercel

- Built an AI-driven web application for personalized movie recommendations using **Google Gemini API**
- Designed NLP-based prompts to understand user preferences such as genre, mood, and language
- Integrated a responsive **Next.js** frontend with backend LLM API calls
- Deployed on **Vercel** for global access and real-time user interaction

### Personal Portfolio Website

Next.js • React • HTML/CSS • JavaScript • Vercel Deployment

- Designed and developed a responsive personal portfolio to showcase key projects, skills, and GitHub contributions also deployed on Vercel for global accessibility
- Integrated live project links and contact information for recruiter access
- Emphasized clean UI, performance, and modern responsive design

## Skills

Time management • Project coordination • Team collaboration • Problem-solving mindset • Clear technical communication • Presentation skills • Analytical thinking

## Education

2023- PRESENT

**Bachelor of Technology (B. Tech) – Computer Science & Engineering |GIMT| MALAUT | WB, INDIA**

• CGPA: 7.39+ • Co-author of IGI Global & Scopus-indexed AI/ML research papers.

## Activities

Photography • Videography • Travel • Cinema & Storytelling • Online Gaming • Cricket • AI/ML Learning • Art