Arshiya Nandy

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Profile

Driven IT engineering student at IEM, passionate about Machine Learning, Web Development, and programming languages. Dedicated to crafting innovative, efficient, and user-friendly digital solutions.

Education

Institute of Engineering and Management, *B.Tech* (*2022-2026*)   *- 9.22 CGPA*

Indira Gandhi Memorial High School, *CBSE* (*2021*)   *-89%*

Sri Aurobindo Institute of Education, *ICSE* (*2019*)   *-94.16%*

Technical Skills

Languages

C, C++,Python, Java, Javascript, Typescript

Frameworks & Libraries

React, Bootstrap, Next.Js, Tailwind CSS , Pandas, NumPy, scikit-learn, Hugging Face

Domain

Frontend Development, Machine Learning, Artificial Intelligence, Data Science

Databases & APIs

Firebase, MySQL, REST API

Projects

Prepbit, *AI-Powered Mock Interview Platform* 🔗   Feb 2025 – Apr 2025
- Developed a voice-based mock interview web app using Next.js, Typescript, Vapi AI, Gemini with **real-time AI feedback**, **smart question generation**, and Firebase for **user session tracking**.
- Achieved **90%+ accuracy** in context-aware question delivery and feedback relevance.

AI-Medical-Assistant, *Streamlit-based Healthcare App* 🔗   Oct 2024 – Dec 2024
- Built healthcare app using Machine Learning to achieve **85%+ accuracy** in predicting Diabetes, Heart Disease, and Parkinson's, alongwith an AI chatbot and Gemini-based image diagnosis.
- Enhanced report clarity by **70%** using Hugging Face for automated PDF summarization and simplified medical insights.

UR AI, *Your Universally Responsive AI* 🔗   Mar 2025 – Apr 2025
- Built a Next.js & TypeScript app integrating AI chatbot, image/video generation, and description with 90%+ accuracy using Gemini, Hugging Face, and Replicate.Implemented a PDF summarizer that boosts document comprehension by 75%.

Certificates

Google Project Management Professional Certificate 🔗   •   IBM Machine Learning with Python 🔗   •

IBM Data Science Orientation 🔗   •   IBM Data Science Methodology 🔗

Soft skills

- Problem-Solving   - Communication skills

- Project Management   - Logical Reasoning