

SOUMYADEEP MUKHERJEE

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EDUCATION

MAulana Abul Kalam University of Techonology, West Bengal, India Expected Aug 2027

B.Sc. in Information Technology (A.I.) with a Minor in Business Administration | CGPA: 8.5 / 10.0

Relevant Coursework: AI Algorithms, Machine Learning, Natural Language Processing, Data Structures & Algorithms, Linear Algebra, Probability & Statistics.

TECHNICAL SKILLS

Languages	Python, C, SQL
ML/DL Libraries	PyTorch, Scikit-learn
Data Science Libraries	Pandas, NumPy, Matplotlib, Seaborn
Developer Tools	Git, Ollama, Jupyter Notebooks, Linux, LaTeX, Streamlit, Firebase
ML Concepts	Supervised & Unsupervised Learning, Regression, Classification, Model Evaluation

WORK EXPERIENCE

ATG Health care Foundation Present
AI Engineer Intern

- Selected to engineer and integrate scalable machine learning models aimed at solving complex, data-driven healthcare challenges.

PROJECTS

AI-Powered House Price Predictor | [GitHub](#) | [Live Demo](#)

- Engineered an end-to-end ML pipeline with Random Forest models, reducing data errors by 20% and achieving 60% accuracy via hyperparameter tuning.
- Deployed a production Streamlit app across 2+ iterations using Git, maintaining 100% version tracking and achieving 0 post-release defects.

JobEazy - AI-Powered Job Finder | [Live Demo](#)

- Architected a Gemini API recommendation engine delivering real-time job matches; developed pre-deployment QA verification checks that reduced post-release defects to 0 critical bugs at launch.
- Deployed the application on Firebase Hosting following industry-standard procedures; troubleshooted and resolved 2 post-release integration defects within 12 Hrs, improving response latency by 50%.

COMMUNITY LEADERSHIP EXPERIENCE

Google Developer Groups on Campus (GDGoC) Aug 2025 - Present
Organizer MAKAUT, W.B

- Leading a team to organize a semester-long series of technical workshops and a flagship hackathon for 300+ expected participants.

Google Developer Groups on Campus (GDGoC) Oct 2024 - Aug 2025
Management Co-Lead MAKAUT, W.B

- Co-organized a 1-day Python workshop (200+ attendees) and a 2-day AI/ML workshop with hands-on labs.
- Partnered with the university's cultural club to host a cross-department coding competition on HackerRank.

University Drama Club Aug 2025 - Present
President MAKAUT, W.B

- Direct club operations and theatrical performances, focusing on deep script analysis, narrative pacing, and building engaging storytelling experiences.

HACKATHON EXPERIENCE

MAKATHON 2023
Participant Makaut-in house / Offline

- Designed and implemented a user interface for prototype of Edtech app "Smartprep" to bridge gap for financially weaker sections and rural areas.

CERTIFICATIONS

- [Oracle Certified AI OCI Foundations Associate](#) – Oracle
- [API Student Expert](#) – Postman