

# ARKADEEP GANGULI

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## EDUCATION

<b>Bachelor of Technology in Computer Science &amp; Technology</b> Institute of Engineering & Management (IEM), Kolkata University of Engineering & Management (UEM), Kolkata	July 2023 - Present (Expected: 2027) CGPA: 9.56/10.00
<b>ISC, Class XII</b> Ram Mohan Mission High School, Kolkata	April 2022 - March 2023 Percentage: 88%

## SKILLS

<b>Programming Language</b>	C++, Java, C, Python
<b>Databases</b>	MySQL
<b>Version Control</b>	Git, GitHub
<b>Cloud</b>	GCP
<b>Automation</b>	n8n

## PROJECTS

<b>AI-Based Internship Recommendation System (<a href="#">GitHub</a>)</b> <i>Project as a part of SIH '25</i>	October 2025 - November 2025
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- Developed an AI-driven internship recommendation engine using hybrid rule-based filtering and Google Gemini to generate accurate, personalized top 9–10 matches.
- Built a full-stack application with Vite, React, TailwindCSS, and Node.js (Express), reusing shared TypeScript models for scalable and maintainable development.
- Implemented intelligent ranking, mobile-responsive UI/UX, and end-to-end workflow optimizations for fast, explainable recommendations.

<b>Multimodal Phishing Detection System (<a href="#">GitHub</a>)</b> <i>Minor Project as a part of curriculum</i>	September 2025 - November 2025
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- Built a lightweight multimodal phishing detection system combining URL-based features with webpage screenshot analysis using GradientBoostingClassifier and a custom CNN model.
- Developed a high-accuracy pipeline with optimized preprocessing, feature extraction, and focal-loss-based training to address class imbalance and improve real-world detection performance.
- Implemented scalable end-to-end workflows including model fusion, dataset handling, evaluation metrics, and a Streamlit-based deployment-ready architecture for seamless demonstration.

<b>Email / SMS Spam Classifier (<a href="#">GitHub</a>)</b> <i>Minor Project as a part of curriculum</i>	March 2025
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- Built an end-to-end Email & SMS Spam Classification system using Python, Scikit-learn, NLP preprocessing, and TF-IDF for feature extraction.
- Trained and compared multiple ML models (Naive Bayes, Logistic Regression, SVM, Random Forest) to achieve high accuracy on noisy real-world text data.
- Achieved 97.10% accuracy through rigorous model evaluation and optimization, supported by a clean, modular codebase with reusable preprocessing and pipeline utilities.

## KEY ACHIEVEMENTS

- Solved 250+ problems on LeetCode.
- 5-star in C on HackerRank.