

ARUNABHA DUTTA

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4th Year B.Tech CSE Student | Passionate about Artificial Intelligence and experienced in applying Machine Learning techniques |
Dedicated to solving Real-World Problems | Effective team player in collaborative tech environments

EXPERIENCE

Hyland Software | Kolkata, India

Jun 2025 – Aug 2025

Research and Development Intern

Implemented the Manage Locks functionality in OnBase Mobile.
Contributed to the transition of over 70% of existing legacy app users to the new platform.

Infosys Springboard | Remote

May 2024 – Jul 2024

AI/ML Intern

Developed a web application with data visualization, for predicting obesity levels, boosting user health awareness up to 80%.

IIT Guwahati | Guwahati, India

May 2024 – Jun 2024

Machine Learning Intern

Predicted particulate matter content to support pollution control efforts by 36%.
Forecasted airborne particulate concentration level in Guwahati city for the upcoming decade.

EDUCATION

University of Engineering and Management, Kolkata

Aug 2022 – Jun 2026

B.Tech in Computer Science Engineering | CGPA: **9.48** (up to 6th Semester)

(expected)

Calcutta Public School, Kolkata

- Higher Secondary Education | Score: **95.66%** (ISC Examination, Science)
- Secondary Education | Score: **97.71%** (ICSE Examination, Science)

Jun 2020 – May 2022

Apr 2009 – May 2020

SKILLS

- Programming Languages:** Java, Python, JavaScript, SQL
- Domains of Interest:** Machine Learning, Artificial Intelligence
- Technical Subjects:** Object Oriented Programming, Database Management Systems, Data Structures and Algorithms
- Frameworks and Libraries:** Scikit-learn, XGBoost, PyTorch, LSTM, Transformers, SpaCy
- Soft Skills:** Communication, Teamwork, Problem Solving, Adaptability, Time Management

PROJECTS

- Vulgarity Detection in User-Generated Content:** A deep learning-based system, employing models like LSTM, GRU, Bi-RNN, and Seq2Seq, to emphasize real-world applicability in content moderation, ensuring handling of informal language.
- Document Lock Management Feature:** Developed a lock control workflow to prevent document editing conflicts. Built Angular-based views, integrated with GraphQL APIs, incorporating selection logic and confirmation-based unlock actions.
- Air Quality Monitoring and Forecasting in Urban Environments:** A project to predict levels of particulate matter and pollutants, providing insights for environmental monitoring. It also enables forecasting the concentration of pollutants in the upcoming years.

CERTIFICATIONS

- Azure AI 900 Certification – Microsoft
- Career Edge- Young Professional – TCS ION
- Artificial Intelligence Primer Certification – Infosys

ACHIEVEMENTS

- Awarded the Reliance Foundation UG Scholarship, granted to top-performing students nationwide for academic excellence.
- Secured 2nd runner-up position in the TOEFL India Championship 2024.
- Recognized as “Young Scholar” by the Times of India group, honoring academic distinction and leadership potential.