Anushree Chakraborty

Assistant Professor
Postgraduate and Research Department of Computer Science
St. Xavier's College (Autonomous), Kolkata
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QUALIFICATION

Master of Science in Computer Science | 2024
St. Xavier's College (Autonomous), Kolkata.

PROFESSIONAL EXPERIENCE

Assistant Professor (Jan, 2025 – till date)
St. Xavier's College (Autonomous), Kolkata

Trainee Software Developer (Jun, 2024 – Nov, 2024)
Sprinriver Technology Pvt. Ltd.

- Contributed to shape detection of defective steel coils prior to the final production stage, involving large-scale data preprocessing, analysis, feature engineering, and machine learning model development.

- Contributed to the development of a private internal package consisting of modular, client-specific charting components with extensive user-defined customization, enabling a standardized and consistent graph plotting and data analysis experience across the organization.

ACHIEVEMENTS

Gold Medalist | 2024
St. Xavier's College (Autonomous), Kolkata
GATE | 2025
conducted by: IIT Roorkee

NET (Asst. Professorship) | 2024
University Grant Commission

PUBLICATION

- Nath, S., **Chakraborty, A.,** & Pal, S. (2025). Microservices mesh orchestration: A comprehensive review of design decisions and performance optimization in terms of instance selection & self-adaptation. **International Journal of Next-Generation Computing**, 16(2), July 2025.

Areas of Interest:

Data Science, Advanced Algorthms, Discrete Mathematics, Graph Theory