Debosmita Rit

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Education

Techno India (Hooghly Campus) - MAKAUT — Hooghly, West Bengal
Bachelor of Computer Applications (BCA) — *2023 – 2027*

Serampore Rames Girls' High School — West Bengal
Class 12, Bio Science, W.B.C.H.S.E – 69.2% — *2023*

Serampore Rames Girls' High School — West Bengal
Class 10, Madhyamik, W.B.B.S.E – 90.29% — *2021*

Experience

Cloud Foundations Intern — Jul. 2025 – Dec. 2025
Techno Billion AI — *Salt Lake City, West Bengal (Hybrid)*

- Built a cloud-based weather application using AWS Lambda and API Gateway following serverless architecture principles.
- Developed Python scripts to fetch and process real-time weather data from the OpenWeather API via serverless functions.
- Gained hands-on experience with AWS core services including Lambda, API Gateway, Amazon S3, and cloud infrastructure concepts.
- Completed AWS Academy Cloud Foundations training, earning an official AWS Academy Graduate badge issued October 2025.

Projects

Weather Data Fetcher | *Python, AWS Lambda, API Gateway, Amazon S3, OpenWeather API* — 2025

- Built a serverless cloud-based weather application using AWS Lambda and API Gateway.
- Used Python to fetch and process real-time weather data from the OpenWeather API through serverless functions.
- Designed and deployed a REST API using AWS API Gateway to expose weather data as an accessible web endpoint.
- Gained practical experience with event-driven serverless architecture, reducing infrastructure overhead.

Technical Skills

Languages: Python, Java, C
Web: HTML, CSS, JavaScript, PHP
Developer Tools: VS Code, GitHub, Git
Cloud: AWS Lambda, API Gateway, Amazon S3
Databases: MySQL, Oracle 21c XE
Certifications: AWS Academy Cloud Foundations, Cisco Networking Basics