Samanyu Deghuria

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EDUCATION

IEM , 2026
BTech in Computer Science
2026 | Kolkata,India

HEMSHEELA MODEL SCHOOL
Grade 12 , 94 %
2022| Durgapur,India

DAV PUBLIC SCHOOL
Grade 10 , 97 %
2020 | Asansol,India

LINKS

Github:// Samanyu-coder
LinkedIn:// Samanyu-Deghuria
Twitter:// @samanyudeghuria

COURSEWORK

UNDERGRADUATE

Data Structure & Algorithms
Design & Analysis of Algorithms
Discrete Mathematics
Database Management Systems
Web Development

SKILLS

PROGRAMMING

C • C++ • HTML • CSS • Javascript • Python • Postman

Familiar: MySQL

Areas of interest: AI, ML, Web Development, Android App Development, Cloud, NLP

EXPERIENCE

POSTMAN | Student Expert
June 2023 – Present

- Deep grasp of APIs' modern software relevance.
- Mastery in HTTP essentials: request methods, status codes, and headers.
- Efficient workflow enhancement with Postman.
- Proficient in crafting diverse request types with headers and parameters.
- Expert in securing API interactions via authentication methods.
- Adept in response handling, error management, and data extraction.
- Proficient in automated testing for reliable APIs.
- Spearheaded comprehensive API documentation for clear collaboration.
- Facilitated team harmony through shared workspaces and Git.

GOOGLE CLOUD COMPUTING FOUNDATIONS COURSE
September 2023
Completed the "Google Cloud Computing Foundations" course, providing a solid grounding in cloud computing principles and Google Cloud Platform (GCP) services:

- Comprehensive understanding of cloud computing fundamentals and GCP services.
- Proficiency in utilizing GCP services for diverse business and technical needs.
- Emphasis on cloud security, compliance, and data integrity.
- Hands-on experience in cloud-based project development.
- Mastery of scalability, reliability, and cost-effective cloud principles.

This course has enhanced my cloud computing expertise, making me well-equipped for cloud-based projects and technology-driven initiatives.

PROJECTS

• Weather-Data-using-API-in-C

- HTTP Requests: Use a library like libcurl or the built-in functionality of C to send HTTP GET requests to the weather API. Specify the necessary query parameters such as location or coordinates to retrieve weather data for a specific location.
- Current Weather Data: Retrieve and display the current weather conditions for a specific location. Extract and print data such as temperature, humidity, wind speed, and description (e.g., cloudy, sunny) from the API response.

• Student-Examination-Portal-Python-Project

- Result Analysis and Reporting: Provide features for students and teachers to view and analyze exam results. Generate reports such as class-wise performance, subject-wise analysis, and individual student reports. Visualize data using charts or graphs to present performance metrics effectively.