Souvik Biswas

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Summary

Information Technology undergraduate with a strong foundation in Java, Python, database management, OOP, and data structures. Passionate about solving real-world problems through technology and continuously expanding expertise in emerging domains such as Cyber security and Cloud Computing (AWS). Committed to learning, innovation, and delivering impactful solutions.

Education

B. P. Poddar Institute of Management and Technology (MAKAUT), Kolkata — 2022–2026
B.Tech in Information Technology — CGPA: 7.78 (Till 6th Semester)

WBCHSE (Class XII) — 2022
Higher Secondary Education(Science Stream) — 92.83%

WBBSE (Class X) — 2020
Secondary Education — 92.00%

Skills

Languages: Java, Python, HTML, CSS, SQL
Frameworks & Tools: Java Swing, AWT, Git, GitHub, Vercel
Core Concepts: Database Management Systems (DBMS), Object-Oriented Programming (OOPs), Operating Systems, Data Structures and Algorithms, Computer Networks, Cloud Computing (AWS), Cybersecurity, SDLC
Soft Skills: Time Management, Analytical Problem Solving, Leadership, Teamwork, Communication, Adaptability
Other Skills: MS Office (Word, Excel, PowerPoint)

Achievements

- **Tata Cybersecurity Security Analyst Job Simulation on Forage** — Certificate   (September 2025)
  Completed an IAM job simulation with TCS, gaining expertise in IAM principles, cyber security best practices, and business alignment. Documentation and presentations delivered to communicate complex concepts effectively.

- **AWS APAC Solutions Architecture Virtual Experience Program on Forage** — Certificate   (September 2025)
  Designed a simple, scalable Elastic Beanstalk hosting architecture to improve performance, explained it in plain language, and outlined cost considerations for the client.

- **TCS Grow With Purpose Program**   (September 2025 – Present)
  A structured ongoing program focused on the development of professional skills, including technical skills, leadership, and soft skills, through workshops, projects, and hands-on learning modules.

Projects

- **Hotel Management System** (Java, OOPs) — GitHub   [April 2025 - May 2025]
  Developed a console-based application with room reservation, food ordering, billing and check-in using Java, OOPs, file I/O, serialization, and multi-threading.

- **Text Editor** (Java, Swing, AWT) — GitHub   [June 2025 - July 2025]
  Developed a Notepad-like text editor in Java with features such as file operations (New, Open, Save, Save As), text editing (Cut, Copy, Paste, Delete), Find & Replace, Word Wrap, Font customization, and Print support using Swing and AWT.

- **Java Chat Application** (Java, Socket Programming) — GitHub   [August 2025 - September 2025]
  Developed a Java Swing-based client-server chat application using sockets, featuring username-based messaging, real-time communication, and a user-friendly GUI. The server can accept or reject clients, and the IP/port settings are configurable with error handling for connectivity issues.

Co-curricular Activities

- Successfully completed the "100 Days of Code" Python Challenge (2024)

- Ranked 26th out of 150+ participants in Inter-College Coding Competition "Code Bee" (2024)

- Winner, Intra-College Tech Quiz "Tech Enquesta" organized by IET (2023)