

Suchanda Banerjee

B.Tech.

Computer Science & Engineering

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[Github Profile](#)

[Linkedin Profile](#)

SUMMARY

I am a highly adaptable and flexible individual by nature, enthusiastic about problem-solving and with a keen interest in Cloud Computing and modern technologies.

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Asansol Engineering College, Asansol/MAKAUT	8.78	2020-2024
Senior Secondary	Burnpur Riverside School/CBSE	74.5%	2020
Secondary	St. Vincent's H&T School/ICSE	73.4%	2018

PROJECTS

- **Employee Management System using AWS** *June 2023 - August 2024*
 - It leverages AWS for seamless integration with storage, databases, and virtual machines (VM's)
 - Using Python, developed the front-end, creating a user-friendly interface that enhanced user interaction by 30%.
 - Configured AWS S3 for secure and scalable storage solutions and implemented AWS RDS to manage a database that handles over 10,000 employee records efficiently.
 - System's architecture supports rapid scaling, reducing deployment time by 40% and utilized AWS EC2 instances to ensure high availability and reliability, facilitating real-time data processing and access.
 - Skills: **AWS, Cloud, RDS(MySQL).**
- **IPL Win/Loss Prediction using Machine Learning** *July 2023 - March 2024*
 - Develop a predictive model to forecast the outcomes of Indian Premier League (IPL) matches.
 - It leverages machine learning algorithms to predict match outcomes with an accuracy rate of over 85%.
 - Analyzing historical data from over 500 matches, the system identifies key performance indicators and patterns.
 - Skills: **Logistic Regression/Random Forest Classifier, Python, Sklearn, Numpy, Pandas, Machine Learning.**

LEADERSHIP ROLES

- **Team Lead**, Final Year Project Group, Asansol Engineering College *July 2023 - March 2024*
 - Coordinated the efforts of a diverse team, driving the successful completion of our project through effective communication and strategic planning.

TECHNICAL SKILLS

- **Programming:** JAVA, Python.
- **Cloud:** AWS, Azure.
- **Database:** MySQL.
- **Technical Subjects:** DSA, DBMS, OOP's.

CERTIFICATIONS

- **Microsoft Azure Fundamentals (AZ-900):** [Certificate](#)
- **Introduction to Machine Learning:** [Certificate](#)

ACHIEVEMENTS

- **Qualified TCS CodeVita Season 11 Round 1,** *2024*