



Soumyadip Malash

Final Year Student

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Paschim Medinipur, West Bengal (Willing to Relocate)

Technical Skills

C | C++ | Python | Data Structures | Algorithms | HTML | CSS | SQL | Computer Networking | OS | DBMS | OOPs | AWS | Google Cloud

SUMMARY

B.Tech Computer Science Engineering student at KIIT with **analytical and problem-solving skills**. Proficient in **C and C++, Python** with knowledge in **Data Structures & Algorithms (DSA)** in C++. Experienced in data analysis, financial technology, and business process optimization. **Adept at leveraging technical knowledge** to develop **innovative solutions** and finance-related domains. **Good communication and teamwork abilities**, with a keen interest in applying technology-driven strategies to **enhance business efficiency**.

EDUCATION

B.Tech In Computer Science and Engineering (Kalinga Institute Of Industrial Technology)	CGPA - 9.08/10 Aug 2022 – May 2026
Higher Secondary Education From WB Board (Salboni High School)	Percentage – 86.8% Jun 2019 – April 2021
Secondary Education From WB Board (Salboni High School)	Percentage – 89.4% Feb 2018 – March 2019

CERTIFICATES & GRANTS

IBM Machine Learning Professional Certificate – Coursera

Completed: July 2025

Gained hands-on experience in supervised/unsupervised learning, deep learning, and reinforcement learning through six practical courses, including a capstone project.

LINK: <https://coursera.org/verify/professional-cert/PZYRM0623A6V>

AWS Academy Graduate – Cloud Operations – Amazon Web Services

Completed training in cloud infrastructure, monitoring, automation, and operational best practices using AWS services.

LINK: <https://www.credly.com/go/o9fyJ2Pk>

Cisco Networking - CCNA

Completed CCNA 1, 2 & 3 (eligible for Global CCNA exam), Python Essentials 1 & 2, and Introduction to Cybersecurity, **covering Full networking Concepts**, **Python programming**, and security fundamentals.

Google Cloud – Data Analytics Certificate – Google Cloud

Completed foundational training in SQL for **‘BigQuery’**, **Data management & storage**, **Data transformation**, and **exploratory analysis**. Gained skills in dashboard creation with **Looker Studio**, explored Generative AI applications, and completed a capstone project on end-to-end data analysis and visualization.

PROJECTS

ML Based Reliability-Aware Recommender System for E-Commerce Reviews- (Mini Group Project)

Tools & Technologies:- Python, Pandas, Google Colab, MLP, Recommender Systems, CSV, NumPy
Designed a **neural network-based** recommender system using **MLP** to improve rating predictions by identifying **reliable reviewers**. Incorporated review metadata (**helpfulness, review order**) to compute user **reliability scores** and **detect bias**. Enhanced recommendation quality using **Hit Ratio@K** and **addressed**

SOL Banking Project

Tools & Technologies: MS SQL, Python, VS Code Database Integration

Designed a **banking management system** with relational tables (**Customer, Transaction**) to handle user data and financial operations. Implemented **SQL queries** for data insertion, updates, deposits, and withdrawals. Integrated **Python scripts** for real-time transaction control, enabling **new user creation**, **balance updates**, and **secure storage** of all records in the database.

Agentic AI Resume Chatbot

Tools & Technologies: Python, Gradio, Hugging Face, OpenRouter API, Pushover

Developed and deployed an **AI-powered resume chatbot** on **Hugging Face** using **Gradio** for an **interactive and user-friendly interface**. The chatbot **analyzes my resume** and provides **detailed, context-aware answers** to user queries. **Integrated Pushover** for **real-time mobile notifications** of new questions and recruiter details, ensuring **instant response capability**. Designed to **enhance recruiter engagement** and provide **instant resume insights** with a **seamless user experience**.

EXTRA-CURRICULAR & CERTIFICATION

Tata Group Data Analytics Job Simulation on Forage - August 2025

AI-powered data analytics and strategy development for the Financial Services team at Tata iQ, Conducted exploratory data analysis (EDA) using GenAI tools, Proposed and justified an initial no-code predictive modeling, Designed an AI-driven collections strategy leveraging agentic AI and automation, incorporating ethical AI principles, regulatory compliance, and scalable implementation frameworks.