Sourodip Chatterjee
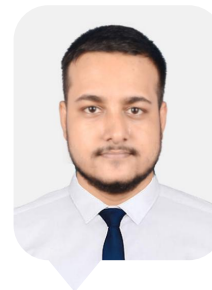
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Professional Summary

B.Tech in CSE (AI) graduate with expertise in Python, Machine Learning, and Cloud Computing. Skilled in building data-driven solutions using AI, automation, and scalable system design. Proven experience in AWS cloud deployment and Android app development. Strong problem-solving skills with a CGPA of 8.27. Seeking a role as an Engineer to leverage his technical expertise and drive innovation.

Education

Bachelor of Technology in Computer Science and Engineering - AI | CGPA: 8.27
Techno India University, Salt Lake, West Bengal | 2024

Higher Secondary Education
Kalyani Public School, Barasat, West Bengal | 2020

Secondary Education
Bal Mandir Senior Secondary School, Kishanganj, Bihar | 2018

Technical Skills

  - Programming Languages: C | C++ | Python
  - ML Tools : TensorFlow| scikit-learn| pandas|SpaCy|NLTK
  - Databases: SQL| MySQL| GIT
  - Operating Systems: Windows| Linux
  - Cloud Platforms: AWS(EC2, S3, Lambda, CloudWatch)

Certifications

  - Python - Geekforgeeks | 2025
  - Blockchain and its Application - NPTEL | 2023
  - Data Analytics - Coursera | 2022
  - AI Constraints Satisfaction - NPTEL | 2022
  - Cloud Computing - NPTEL | 2022

Experience : Internships (AICTE)

AWS Cloud Virtual Internship (Intern | January - March 2024)
  - Deployed 3+ applications using AWS services like EC2, S3, and Lambda.
  - Optimized cloud infrastructure, reducing latency by 20%.
  - Strengthened security & cost efficiency, applying AWS best practices.

Google Android Development (Intern | September - November 2023)
  - Build a feature rich Android app with Firebase authentication, navigation, and real-time database integration.
  - Debugged and improved app efficiency, reducing crash rate by 15%.
  - Worked with Jetpack components & Material UI, following Google's best practices.

Academic & Independent Projects

Stock Price Prediction
  - Built a machine learning model in Python (scikit-learn, pandas, NumPy) to forecast stock prices using Data Analysis.
  - Achieved 85% accuracy on TCS stock dataset, optimizing feature selection for trend prediction.

Sentiment Analysis on Social Media
  - Developed an NLP model in Python (NLTK, spaCy, TensorFlow) to classify tweets as positive, negative, or neutral.
  - Improved accuracy by 12% using advanced text preprocessing and feature engineering.

Soft Skills

  - Time Management: Successfully managed multiple projects and internships while maintaining a CGPA of 8.27.
  - Team Collaboration: Led a team of 5 in the Stock Price Prediction project, ensuring timely delivery and high accuracy.
  - Adaptability: Quickly learned Firebase and AWS services during internships, delivering results ahead of schedule.