

Soumo Saha

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SUMMARY

Curious, love building things, and get excited about writing codes, so that robots should not be boring, I like problem solving.

SKILLS SUMMARY

- **Languages:** Python, Java, SQL
- **Backend:** FastAPI, JDBC, Flask, Django
- **Frontend:** React, AWT, Swing
- **Libraries/Tools:** Pandas, NumPy, TensorFlow, Seaborn, Matplotlib
- **Database:** MySQL, MongoDB
- **Concepts:** OOP, Data Structures, Algorithms
- **Soft Skills:** Leadership, Team Collaboration, Critical Reasoning, Adaptability, Time Management

PROJECTS

- **WhatsApp Chat Analyzer (Python, Data Analysis):** Developed a tool analyzed 10K+ messages, chat logs for sentiment, user activity, and message trends.
GitHub: github.com/szoumoc/whatsAppChatAnalyser
Tech: Python, Matplotlib, Pandas, Regex
- **Bank Management System (Java, JDBC, SQL):** App that simulates core banking operations.
GitHub: github.com/szoumoc/bankingsystemsimulator
Tech: Java, JDBC, MySQL
- **AI Voice Agent Automation (GenAI, Flask, Twilio):** A GenAI voice agent system integrating Gemini AI, Twilio, and FastAPI.
GitHub: github.com/szoumoc/AIvoicecallsms
Tech: Python, Gemini AI, Twilio, Flask, MongoDB

COURSES & CERTIFICATIONS

- **Python for Everybody – Coursera (University of Michigan):** Comprehensive Python course by Dr. Charles Severance.
Certificate: coursera.org/share/0f82...
- **Introduction to User Experience Design – Coursera (Georgia Tech):** Covered user-centric design, interaction flow, and usability.
Certificate: coursera.org/share/a9fb...
- **Financial Markets – Coursera (Yale University):** Studied risk, investment, and behavioral finance with Prof. Robert Shiller.

EDUCATION

- **Heritage Institute of Technology (2020-2024)** Kolkata, India
• *Bachelor of Technology - Electronics and Communication Engineering (ECE); GPA: 7.5*