

Saheli Das

📍 Kolkata, West Bengal ✉ sahelidas0506@gmail.com 📞 +91 99039 05541 in saheli-das-5b2490313 🌐 saheli56
🌐 saheli.me </> saheli56

Summary

Machine learning and software developer with experience building forecasting systems, developer tools, and web applications using Python, Scikit-learn, React, and TypeScript.

Education

JIS College of Engineering

Bachelor of Technology in Information Technology

2024 – 2028

CGPA: 8.7/10 (till 3rd semester)

Technical Skills

- **Languages:** Python, C++, TypeScript, JavaScript, C, HTML, CSS
- **Machine Learning:** Scikit-learn, TensorFlow, PyTorch, OpenCV
- **Frameworks & Libraries:** React, Next.js, FastAPI, Flask
- **Tools & Platforms:** Git, GitHub, Streamlit

Projects

- **Store Demand Forecasting System** [GitHub](#) 
 - Built a machine learning-based demand forecasting system using feature engineering, recursive forecasting, and models like Random Forest and LightGBM for future sales prediction.
 - Developed an interactive Streamlit dashboard for sales analytics, demand visualization, and intelligent restocking insights.
 - *Technologies:* Python, Pandas, Scikit-learn, LightGBM, Streamlit, Plotly.
- **Alexa Voice Assistant – Python** [GitHub](#) 
 - Built a custom voice assistant responding to commands for search, browsing, playback, and system tasks.
 - *Technologies:* Python 3.13, Speech Recognition, Pyttsx3, Pywhatkit, Webbrowser, OS.
- **What-The-Code – VS Code Extension** [GitHub](#) 
 - Developed an AI-powered developer tool enabling natural language code queries, dead code detection, and snapshot recovery.
 - *Technologies:* TypeScript, Gemini API, VS Code API.

Hackathon Experience

- **IEM HackOasis 2.0 (Winner) – Sep 2025** [Project Link](#) 
 - Built a multi-cloud deployment and optimization assistant using React, TypeScript, Vite, Express, and Gemini AI.
 - Features include simulated cross-cloud integration, AI-driven cost optimization, real-time monitoring dashboard, and CSV import for bulk data.
- **Hexafalls Hackathon (2nd Runners Up) – Jul 2025** [Project Link](#) 
 - As a duo, built What-The-Code: a VS Code extension for natural language code queries, dead code detection, and snapshot recovery.
 - Implemented features like natural language queries, dead code detection, and snapshot recovery within a 32-hour hackathon timeframe.
- Participated in 5+ hackathons, building projects focused on AI tools, developer productivity, and web applications.