# SAHIL LAL

IEM,Kolkata,West Bengal

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I am an enthusiastic Electronics and Communication Engineering student with expertise in Python, Machine Learning, and Full-Stack Development. Through hands-on projects like AI-powered stock prediction and coding assistants, I have developed strong analytical and problem-solving skills. With internship experience in research and web development, I am eager to grow into a Data Scientist and AI Specialist, building innovative, data-driven solutions that create real-world impact.

## EDUCATION

**Institute of Engineering and Management Kolkata**
Bachelor of Technology in Electronics and Communication Engineering
2023-2027
YGPA: 8.69 (1st Year) & 8.83 (2$^{nd}$ Year)

## SKILLS

- **Programming Languages:**     Python, JAVA, SQL,C, C++,
- **Python Library:**     Pandas, Numpy, Matplotlib, Flask, Mediapipe, OpenCV, Seaborn
- **Web Development:**     Html5, CSS, Javascript, Node.js, Express.js, Flask, API Integration
- **Tools:**     Canva, , Git, MySQL, Render, Streamlit, Firebase, Jupyter Notebook
- **Soft Skills:**     Machine Learning, Data Analysis, Project Management, Leadership, Team work and Collaboration, Good  Communication

## WORK EXPERIENCE

**IEM IEDC**                                                                           **Oct2023 - July2024**
Student Intern
- Worked as a junior Researcher and did a research on Charm Quarks

**Vidhyashala**                                                                     **May2024 - Aug2024**
Web Development Intern
- Worked as a Full-Stack Developer, and assisted in API integration and debugging.

**Member of Google Developer Group & AlgoGenith IEM**          **Sept2023 - Present**
Active Member & Contributor
- Working as a graphics co-lead for A tech society of IEM

**IEM DOMINANTS CUP 2024**                                                 **Aug,2024**
Event Management Lead
- Worked as the management head of annual basketball tournament of Institute of Engineering and Management.

## PROJECTS

- **Stockify - The Smart Stock Predictor:** Machine learning model which analyzes historical data and trends of the stock market to forecast future prices. Visit: **Link**
- **DevMate AI - Your AI-Powered Coding Companion:** Understand, improve, and execute code in multiple languages with the help of AI which help them understand and improve their code. Made specially for programmers who just started their programming journey.  Visit: **Link**
- **SmartDocs - Convert & Compress Files with Ease:** Created to provide a simple, secure way to convert and compress documents without compromising your privacy. Unlike other online tools, SmartDocs processes all files directly in your browser - your documents never leave your device. Visit: **Link**
- **WeatherSphere - Global weather at your fingertips:** A sleek, responsive weather forecasting website built using HTML, CSS, JavaScript, and powered by the Open-Meteo API. Visit: **Link**
- **HealthTrack - Your personal health companion:** A simple, user-friendly BMI Calculator to help you keep track of your health and fitness goals. Visit: **Link**

## CERTIFICATES

- Microsoft Introduction to Machine Learning. **Link**
- Introduction to AI Concepts. **Link**
- Getting started with Machine Learning with Azure. **Link**
- MS SQL Certification Training   **Link**
- Full-stack Web Development **Link**