

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 (2nd 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.

Google Developer Groups on Campus IEM

Sept2023 - Present

Co-Organiser

- Serving as Co-Organizer at GDG on Campus, IEM, actively contributing to community growth and looking forward to collaborating on impactful workshops, hackathons, and technical events.

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](#)