

# SAHIL LAL

IEM, Kolkata, West Bengal

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[portfolio](#)

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

Y GPA: 8.69 (1st Year) & 8.83 (2<sup>nd</sup> 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](#)