SAUMILI HALDAR

SOFTWARE DEVELOPER

Proactive and skilled, **Computer Science & Engineering graduate (Class of 2025)** currently working as a **Software Developer at RS Consultancy** . Experienced in **Python** , **Java** , **React** , **Next.js** , and full-stack web development, with hands-on expertise in building scalable applications, developing REST APIs, implementing responsive and user-friendly interfaces, and working with databases like **MongoDB** , **PostgreSQL** , and **MySQL** . Proficient with modern development tools including **Git** , **GitHub** , **VS Code** , **Docker** , and deployment platforms such as **Vercel** and **Render** . Strong problem-solving abilities, effective teamwork, Agile collaboration experience, and a focus on writing **clean** , **maintainable code** . Committed to continuous learning, leveraging emerging technologies, and delivering high-quality software solutions.

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EDUCATION

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING
OMDAYAL GROUP OF INSTITUTIONS

10/2021 - 06/2025   *Howrah-711316, West Bengal*

HIGHER SECONDARY EDUCATION
BNR EXCELLENCE ACADEMY

06/2019 - 04/2021   *Kharagpur-721301, West Bengal*

SECONDARY EDUCATION
ST. AGNES SCHOOL

04/2017 - 04/2019   *Kharagpur-721301, West Bengal*

WORK EXPERIENCE

Python Developer Intern
Winstreet Infotech

10/2024 - 04/2025

Achievements/Tasks

- Developed and maintained an e-commerce website (WS1010) using Python-based technologies.
- Coordinated with clients to gather requirements and implement requested features.
- Performed functional testing and bug fixes to ensure website quality and reliability.

Software Developer
RS Consultancy

04/2025 - Present

Achievements/Tasks

- Developing a Windows desktop application for internal and client use.
- Implementing MQTT-based communication for real-time data exchange.
- Designing and maintaining web interfaces to support application workflows.
- Performing testing and debugging to ensure application reliability and performance.
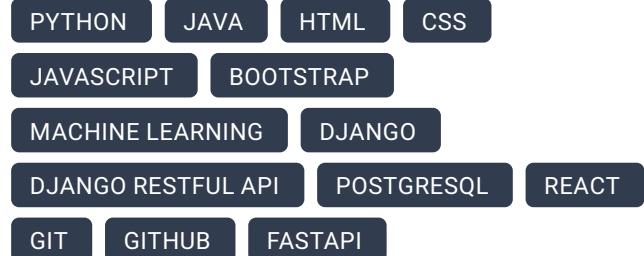
VOLUNTEERING EXPERIENCE

Team Everest NGO (06/2023 - 07/2023)
English Curriculum Writing (Internship)

Muskurahat Foundation (08/2023 - 08/2023)
Fundraiser Volunteer

SKILLS

PYTHON JAVA HTML CSS JAVASCRIPT BOOTSTRAP MACHINE LEARNING DJANGO DJANGO RESTFUL API POSTGRESQL REACT GIT GITHUB FASTAPI

PERSONAL PROJECTS

VibeStream (01/2025 - 01/2025)
- https://github.com/SaumiliHaldar/VibeStream
- Developed VibeStream , a Django-based live streaming app using ZegoCloud's API .
- Implemented real-time chat, secure authentication, and stream management tools .
- Optimized for scalability and efficiency with Django, Python, JavaScript, and PostgreSQL.

MausamVibe (02/2025 - 02/2025)
- https://github.com/SaumiliHaldar/MausamVibe
- Developed MausamVibe , a Django-based weather app with real-time updates.
- Integrated location-based detection and OpenWeatherMap API for accuracy.
- Optimized UI responsiveness using Python, JavaScript, and HTML/CSS.

NexGenie (08/2024 - 06/2025)
- https://github.com/SaumiliHaldar/NexGenie
- Developed an AI-powered chatbot for LearnNexus using FastAPI, Dialogflow ES, and Gemini API.
- Implemented personalized course recommendations, real-time coding assistance, and multilingual support.
- Built a scalable architecture using React, MongoDB, and Redis for seamless platform integration.

Lysn (10/2025 - 02/2026)
- https://github.com/SaumiliHaldar/Lysn
- Developed an AI-powered PDF-to-Audio web app using FastAPI and Next.js for converting documents into speech.
- Implemented secure authentication (OTP & Google OAuth) and file storage using MongoDB and GridFS.
- Integrated gTTS and PyPDF2 for text-to-speech and PDF processing, and used Tailwind CSS and Framer Motion to build a modern, responsive UI.

LANGUAGES

English
Native or Bilingual Proficiency

Hindi
Native or Bilingual Proficiency

Bengali
Native or Bilingual Proficiency