

SAUMILI HALDAR

Software Developer

Computer Science & Engineering graduate (2025) and **Software Developer at RS Consultancy**, building scalable web applications, **REST APIs**, and AI-powered tools. Skilled in **Python, FastAPI, Django, React.js**, and **Next.js**, with a focus on backend development and real-time systems. Proficient in **MongoDB, PostgreSQL, MySQL**, and modern tools including **Git, GitHub, Postman, Vercel**, and **Render**, with experience delivering **clean, maintainable**, and production-ready 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

Relevant Coursework

- Python Development
- Software Engineering
- Database Management Systems

HIGHER SECONDARY EDUCATION

BNR EXCELLENCE ACADEMY

06/2019 - 04/2021

Kharagpur-721301, West Bengal

WORK EXPERIENCE

Software Developer

RS Consultancy

04/2025 - Present

FULL-TIME • ON-SITE

Key Achievements

- Developing a **Windows-based desktop application** to optimize workflows, improving operational efficiency by **~20%**
- Implemented **MQTT-based communication**, enabling real-time data exchange across multiple client systems with **< 100ms latency**
- Designed and maintained** web interfaces to support application workflows and improve usability
- Identified and resolved performance issues through **testing and debugging**, improving overall application reliability and stability

Python Developer Intern

Winstreet Infotech

10/2024 - 04/2025

Remote

Key Achievements

- Developed and maintained a **Python-based e-commerce website**, improving system stability and performance
- Collaborated with clients** to gather requirements and translate business needs into functional features with consistent on-time delivery
- Conducted **testing and debugging** across modules, reducing post-release defects by **~25%**
- Assisted in **code reviews** and **documentation**, contributing to improved code quality and maintainability

TECHNICAL SKILLS

Languages: Python, Java, JavaScript (ES6+), TypeScript

Backend: FastAPI, Django, REST APIs

Frontend: React.js, Next.js, Tailwind CSS

Databases: MongoDB, PostgreSQL, MySQL

AI/LLM: Gemini API, Hugging Face, Dialogflow ES

Tools & DevOps: Git, GitHub, Postman, Vercel, Render

PERSONAL PROJECTS

DevTrackr - Developer Analytics SaaS

- <https://devtrackrr.vercel.app>
- Built an AI-powered GitHub analytics platform with real-time repository synchronization and interactive dashboards
- Integrated Gemini API with FastAPI and React to generate automated insights on developer activity and productivity

Lysn - PDF to Audio App

- <https://lysn.vercel.app>
- Developed a web application to convert PDF documents into audio using gTTS and PyPDF2
- Implemented secure authentication (OTP, Google OAuth) and scalable file storage using MongoDB GridFS

NexGenie - Chatbot for LMS

- <https://nexgenie.vercel.app>
- Built an AI-powered chatbot for learning platforms with personalized recommendations and real-time assistance.
- Developed a scalable backend using FastAPI and Redis, integrating Dialogflow ES and Gemini API.

MausamVibe - Weather App (01/2023 - 01/2023)

- <https://mausamvibe.onrender.com>
- Developed a Django-based weather application providing real-time, location-based forecasts using OpenWeatherMap API
- Improved frontend responsiveness and optimized backend data handling for better performance

LANGUAGES

English

Native or Bilingual Proficiency

Hindi

Native or Bilingual Proficiency

Bengali

Native or Bilingual Proficiency