



# SATYAJIT SAHOO

Python Django Full-Stack Developer

 <https://github.com/satyajitsjs>

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## **OBJECTIVE :-**

Full-stack developer with 2 years of experience in designing, developing, and deploying web applications using Django and React. Proficient in building scalable, secure backend services with Django, and creating dynamic, responsive frontends with React.

## **SKILL SET:-**

- Python, Java, C, C#, PHP, GO Lang, Ruby
- Django, Laravel, Next.JS
- MySQL, MongoDB, SQLite3
- Html, CSS, JavaScript
- jQuery, Ajax, ReactJS, Ext JS
- Bootstrap, Figma, Tailwind CSS
- NumPy, Pandas, Power BI
- Web Scrapping, Selenium, Beautiful Soup
- Machine Learning, AI, EMQX, MQTT
- AWS, GitHub, Docker, Azure, Cloudflare
- Oops Concept, Data Structure and Algorithm
- Logic Development, Debugging, Problem Solving

## **WORK EXPERIENCE: -**

### **Python Django Developer ; Infosys ; Dates:- Aug(2022) - Present**

- Created a real-time analytics dashboard using React.js and Python and Django, increasing data processing efficiency by 60%.
- Integrated machine learning models with data scientists.
- Optimized MongoDB and Redis boosting data retrieval speeds by 40%. Mentored junior developers and implemented CI/CD pipelines.
- Collaborated with product and UI/UX teams to ensure a seamless user experience.
- Implemented responsive design and optimized website performance

## **PROJECTS :-**

### **LoRa Gateway**

- Developed a LoRa gateway for IoT communications using Python and Django for the backend.
- Designed a GUI with React for real-time data monitoring and management.
- Integrated LoRaWAN protocol for long-range, low-power data transmission.
- Implemented secure data transmission with encryption and authentication mechanisms.
- Conducted extensive testing to ensure optimal signal range and reliability.
- [LoRa Gateway](#)

### **Aquaculture IoT Dashboard**

- Developed an IoT dashboard for aquaculture management using Python and Django for the backend.
- Designed an intuitive GUI with React for real-time monitoring of water quality and fish health.
- Integrated various sensors (temperature, pH, dissolved oxygen) to collect data and display metrics.
- Implemented data analytics and visualization to provide actionable insights for farm management.
- Ensured secure data transmission and storage with encryption and authentication protocols. • Conducted field testing to optimize sensor accuracy and dashboard reliability
- [Aquaculture IoT Dashboard](#)

## Smart Attendance System

- Developed a smart attendance web application using Python, Django, HTML, CSS, JavaScript, jQuery, and Ajax.
- Integrated face and voice recognition features with OpenCV and Speech Recognition libraries.
- Implemented user authentication, authorization, and data validation with Django forms and models. Tested and debugged the application using PyTest and Selenium frameworks.
- **Smart Attendance System**

## E-Commerce Website

- Built an e-commerce platform using Django for backend functionality.
- Integrated Razorpay as the payment gateway for secure transactions.
- Managed product listings, inventory, and orders through a custom admin panel.
- Implemented user authentication and order tracking.
- Deployed using Docker and Docker Compose for containerization and scalability.
- Hosted the platform on Hostinger for reliable uptime.
- **Richesm Ecommerce**

## Telegram Automation Chat Bot

- Designed and developed the chat bot using Python, leveraging the Telegram Bot API for seamless integration.
- Implemented logic for automated responses to common user queries, enhancing user engagement and satisfaction
- Developed and managed custom commands to perform specific actions, such as fetching information, sending notifications, and processing user inputs • Improved user satisfaction by providing instant and accurate information through the bot

## QUALIFICATION:-

Examination	Board\University\Institute	Year	% of Mark
<b>BTech in Petroleum Engineering</b>	Bhubaneswar Institute Of Industrial Technology	<b>2022</b>	<b>73.48</b>
<b>+2(science)</b>	Sarala Residential +2 Science Collage	2018	55.33

## PERSONAL DETAILS :-

Date of Birth :- 04/04/2001

Gender :- Male

Nationality :- Hindu

Marital Status :- Unmarried

Languages known :- Odia, English, Hindi

## ADDRESS:-

Father's Name – Sachitra Nanda Sahoo

At- Bajapur

Post – K.N. Patna

Block – Kakatpur

District – Puri

Pin – 752108

## DECLARATION:-

I hereby declare that all the information given above is true to the best of my knowledge.

Place:-

Date:

Signature of Candidate