SATYAJIT SAHOO

Python Django Full-Stack Developer

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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, PostgreSQL, 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 ; Tritech Software Pvt Ltd. ; 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
BTech in Petroleum Engineering	Bhubaneswar Institute Of Industrial Technology	**2022**	**73.48**
+2(science)	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