

SATYAM MISHRA

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OBJECTIVE

Motivated and adaptable professional with a strong foundation in technology and a passion for continuous learning. Eager to contribute to dynamic teams by solving real-world problems through innovative and efficient solutions. Seeking opportunities that foster growth, present challenges, and allow contributions across diverse domains and technologies.

EDUCATION

Bachelor of Technology in Computer Science with IoT, RGPV University 2021 - 2025

Relevant Coursework: IoT, Embedded System, DSA, DBMS.

Senior Secondary Education (Class XII), State Board 2020 - 2021

CERTIFICATIONS

Cloud Computing	(NPTEL)
Introduction to Cybersecurity	(Cisco)
CCNAv7: Introduction to Networks	(Cisco)
Python Essentials	(Cisco)
Data Analytics	(Geeks of Gurukul)
Communication Skills	(TCS iON)

SKILLS

Technical Skills	IoT Development, Embedded Systems, Firebase, REST APIs
Programming Languages	C/C++, Java, Python, Dart
Automation Tools	UiPath, OpenRPA
Mobile App Development	Flutter, Firebase Auth, Firestore, Realtime Database, Maps and Location APIs
Tools	Git and GitHub, Firebase Console, Arduino IDE
Cloud and Database	Firebase, NoSQL (Firestore), Realtime Database, MySQL

EXPERIENCE

RPA and Flutter Developer Intern IBOTIX Pvt Ltd	March 2025 - Present <i>Greater Noida, UP</i>
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- Designed and developed cross-platform mobile applications using Flutter and Firebase.
- Automated repetitive business processes using UiPath and OpenRPA, improving efficiency and accuracy.
- Built intuitive user interfaces and integrated REST APIs for dynamic app functionalities.
- Collaborated on IoT-based automation solutions for real-time data collection and control.
- Integrated IoT sensors with cloud platforms and automated workflows using RPA tools.

PROJECTS

Smart Parking Management System. Developed an IoT-based parking management system that provides real-time updates on available parking spaces using ESP32, sensors, actuators, and Firebase. Users can book parking slots via a Flutter app, and the system has reduced parking space search time by 30%.

Home Automation System. Created a home automation system using Arduino/ESP32, with control over lights, fans, and appliances through a mobile app. Integrated with Firebase for real-time updates, and added a gardening module to manage plant irrigation with scheduled water pump control.

Word/PDF Chatbot. Developed a chatbot that processes uploaded Word and PDF documents, extracting key information using Python and NLP techniques. Integrated the chatbot with a user-friendly interface, Enabling seamless interaction and accurate document-based queries.

EcoSentinel: Greenhouse Monitoring System. Built an IoT-based greenhouse monitoring and management system using LM35, soil moisture sensors, and actuators. The system optimizes environmental conditions for crops and ensures resource efficiency, enhancing crop yield by 20%.

EXTRA-CURRICULAR ACTIVITIES

- Contributed to the SISTech Innovation Hackathon (SIH) and won 1st Prize, Demonstrated innovation and problem-solving abilities in a highly competitive environment.