



# ROHIT SONI

Python Developer | React Developer

## SUMMARY

Seeking a Python Developer role to utilize my knowledge of software development and object-oriented programming to create innovative solutions. Looking for a challenging position as a Python Developer where I can apply my knowledge of coding, debugging and testing.

## EXPERIENCE

### ➤ Python Developer

#### • API Development :

Creating Efficient And Optimized API's - JUN 2023- MAY 2024

#### • Data Storage & Retrieval :

Handle data operations , such as storing and retrieving information , which was the main part in our application.

#### • Text Files Management:

Familiarity with file handling and data storage methods involving text-based formats.

#### • Python Frame Work (Django):

Experience With Web Application Development On Python Frame Work (Django)

### ➤ API Development And Data Management Using Text Files

#### ❖ React JS Developer

- Integrating API's in React.js application, Facilitating data exchange between the Front-end and Back-end System
- Present Data in a Visually Appealing and Informative Manner, Organizing and displaying data in tables, ensuring accuracy and clarity.
- Created entities and pages in React Type Script Framework, Created custom features and functionalities.
- Created web forms for developing the application using react type script and HTML controls. Managed deployment on GitHub . Developed a variety of UI elements, such as Card, dropdown list etc.

## PROJECTS

### ➤ Biomedical Waste Management System

Designed and implemented a comprehensive Biomedical Waste Management System for CPCB, utilizing Python with FastAPI on the backend. The system ensures efficient registration of waste generators, implements a robust validation process, records the GPS location of waste collection vehicles through the "Track My Fleet" website, and stores waste bag records in both a text file and MongoDB database.

### ➤ Fast API Backend Development

Developed RESTful APIs using FastAPI to facilitate the seamless registration of biomedical waste generators, including Common Biomedical Waste Treatment Facilities (CBWTF) and Healthcare Facilities (HCF). Implemented a user-friendly registration process with comprehensive validation, ensuring accurate and compliant data entry. Additionally, created registration endpoints to enable efficient communication between the backend and frontend components, contributing to a cohesive and integrated Biomedical Waste Management System for the Central Pollution Control Board (CPCB).

### ➤ React.js Frontend Development

Created user-friendly registration pages for CBWTF and HCF entities, optimizing the user experience. Implemented dynamic form validation for real-time feedback to users during the registration process. Designed and developed a dashboard to display daily waste bag reports , Utilized React components to present the information in an intuitive and visually appealing manner. Integrated charting libraries (e.g., Chart.js) to generate dynamic charts illustrating monthly summaries of waste bag data . Implemented features to allow users to filter and interact with the charts for better data analysis.

### ➤ GPS Location Tracking

Integrated the "Track My Fleet" website to capture real-time GPS locations of waste collection vehicles. Implemented automated processes to fetch and record GPS data, providing accurate tracking information for waste management operations.

Date of Birth - 25/03/2001

📞 +91 93406-82445

✉ rohitsoni8982@gmail.com

🌐 [linkedin.com/in/rohit-soni-3437a126a](https://www.linkedin.com/in/rohit-soni-3437a126a)

📍 76, Ambikapuri Ext., Indore

## SKILLS

- C, C++, Python
- HTML, CSS, JavaScript,
- Bootstrap, Tailwind
- React Js, Python, Django, FastAPI

## EDUCATION

- P.M.B. Gujarati College , Indore  
Pass Out:- (2021-2022)

DAVV University, Indore

B.Com (Bachelor of commerce with computer application)

- Patel College of Science and Technology, Indore

Pass Out:- (2024-2025)

MCA (Master of Computer Application)

- Garima Vidhya Vihar , Indore  
CBSE

10<sup>th</sup> (SSC) (2017)

12<sup>th</sup> with PCM (HSC) (2019)

## LANGUAGES

- English
- Hindi

## Hobbies

- Cricket