

# Santanu Kumar Jena

## Python Developer Trainee

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### PROFILE

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Dedicated Python Full Stack Developer trainee with a strong foundation in Python, Django, REST APIs, and PostgreSQL. Proficient in building dynamic web applications with a focus on backend development, database management, and API integration. Demonstrated skills through projects like an Employee Management System, showcasing abilities in software design, problem-solving, and teamwork. Eager to apply technical expertise and a passion for learning in a challenging development role.

### EDUCATION

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**Bachelor's in Technology, Computer Sc Engineering,**  
*Gandhi Institute for Education and Technology*

2018 – 2022  
Bhubaneswar, India

### SKILLS

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#### Python Programming

Functions, OOPs, Data types, Loops

#### Django

Models, Views, Forms, Middleware, ORM

#### Rest API

#### PostgreSQL

Joins, Views, Subquery, Trigger, Stored Procedures

#### Javascript

Variables and data types, Functions, Array methods, ES6, Modules, Destructuring

#### React.js

JSX, Components, State, Props, Router

#### HTML

Elements and Tags, Forms, Attributes, Links, Tables

#### CSS

Selectors, Box Model, Positioning, Backgrounds

### PROJECTS

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#### Employee Management System :

- **Developed an Employee Management System** using Python, Django, and REST API, enabling efficient employee data management with CRUD operations, authentication, and role-based access controls.
- **Integrated PostgreSQL** as the backend database for secure data storage, handling complex queries, and ensuring data integrity through relational models.
- **Implemented RESTful APIs** to facilitate seamless communication between the frontend and backend, enhancing system performance and scalability for future expansion.

#### Blog Application using Django :

- **Developed a dynamic Blog Application** using Python, Django, and REST API, allowing users to create, edit, and manage posts with rich text formatting and categorization features.
- **Integrated PostgreSQL** for robust data management, supporting user authentication, comment functionality, and efficient query handling for scalable content storage.
- **Designed and implemented RESTful APIs** to enable smooth data exchange between the client and server, ensuring a responsive and interactive user experience.

### CERTIFICATES

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- Full Stack Development