

# Sanjay Das S

## Full Stack Developer

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### Summary

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Dedicated Developer with a solid foundation in Python and hands-on experience using Django to build basic web applications. Core strength lies in MySQL database development — skilled in writing efficient queries, designing relational schemas, and ensuring smooth database integration. Also competent in Java and familiar with AWS and modern development tools. Passionate about writing clean, maintainable code and continuously improving through hands-on learning. Eager to contribute to impactful projects with strong database-driven solutions.

### Education

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#### BE / Computer Science and Engineering

CGPA 7.84

Dr NGP Institute of Technology, Coimbatore, Tamil Nadu

#### HSC

Percentage 91.1

Trinity Matriculation Higher Secondary School, Coimbatore, Tamil Nadu

#### SSLC

Percentage 89.1

Trinity Matriculation Higher Secondary School, Coimbatore, Tamil Nadu

### Skills

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#### FRONTEND

- HTML
- CSS
- JAVASCRIPT

#### LANGUAGES

- PYTHON
- JAVA
- MYSQL

#### FRAMEWORKS

- Spring MVC
- Django
- Spring Boot
- React & Bootstrap

#### TOOLS

- VS CODE
- NETBEANS
- PHOTOSHOP
- CANVA & FIGMA

### Certifications

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- The CIT Hackathon's *Search Engine Summarizer with Carbon Emission Identifier* attained the first place.
- Second Place in the CIT *Coding Competition* | 24
- Third Place in *KCT's Technical Coding Contest*, highlighting speed, accuracy
- Participated in **Smart India HACKATHON**.

## Projects

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### **Search Engine Summarizer with Carbon emission (PYTHON)**

- Created a web application that uses natural language processing to automatically summarize information and obtain the most relevant search results, providing short insights with links.
- Included a carbon footprint estimator that estimates CO2 emissions per page.
- PostgreSQL for caching and monitoring, JavaScript/Node.js, Express, REST APIs, Sumy for scraping, and NLP libraries for summarization done using Python as a Team.

### **COURIER TRACKING AND BOOKING (JAVA)**

- Designed responsive booking UI with HTML, CSS, Bootstrap and JavaScript for real-time event handling and validation.
- Built servlet-based backend on Tomcat, handling HTTP requests, business logic, and session management efficiently.
- Integrated XAMPP for database operations—designed schema, executed CRUD queries, and ensured reliable courier data storage.

## Internship

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### **Web Development**

#### **NxtLogic Software Solutions**

- Worked together with more experienced developers to incorporate powerful backend features using **HTML, CSS, and JavaScript**.
- Built and into practice a shopping cart system that improved navigation flow and system performance by 25% through efficient front-end and back-end communication.
- Helped create the user interface's layout and design, emphasising responsiveness and easy navigation decreasing.

#### **Java full Stack Developer**

#### **Indra Institute of Education.**

- Using **HTML, CSS, Bootstrap, and JavaScript**, responsive web pages were built and stylized to maximize user experience and cross-browser compatibility.
- Prepared for the construction of scalable cloud-based applications by gaining practical experience with Java and backend technologies such as **JDBC, JSP, Spring, Spring Boot, MySQL, and AWS**.