

# SANJAY D

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## MERN FULL STACK WEB DEVELOPER / WEB DEVELOPER

## Summary

I am a passionate and dedicated full stack web developer with a strong foundation in both front-end and back-end technologies, including HTML, CSS, JavaScript, React, Bootstrap, Node.js, Express, and MongoDB. With hands-on experience in developing responsive and dynamic web applications, I am committed to writing clean, efficient, and maintainable code. Continuously driven to learn and grow, I am eager to contribute to innovative projects and start my professional journey as a valuable member of a dynamic development team.

## Work Experience

### SHANTHI IT SOLUTIONS

Full Stack Web Developer Intern

Chennai, India  
Jul 2024- Aug 2024

- Developed and managed web applications using JavaScript, React, Node.js, and Express.js to enhance functionality and performance.
- Collaborated with the development team to design responsive and user-friendly interfaces using HTML, CSS, and Bootstrap.
- Optimized and maintained databases with MongoDB and MySQL, focusing on data modeling, indexing, and query performance.
- Gained hands-on experience with version control (Git, GitHub), improving project workflow and team collaboration.

### INTERNEPE

Python Programming Intern

Remote  
Oct 2024- Nov 2024

- Acquired and utilized Python programming concepts to create straightforward scripts and applications.
- Developed fundamental programs for file handling, data manipulation, and automation tasks.
- Contributed to writing clean, well-documented code to enhance readability and maintainability.

## Projects

### Real-Time Weather Application

React JS , Bootstrap , APIs

GitHub | Demo

- Developed a responsive app for real-time weather information based on user searches.
- Used a weather API for data on temperature, humidity, wind speed, and conditions.
- Implemented a dynamic search feature with feedback for invalid entries.
- Ensured a user-friendly interface with mobile compatibility and effective error management.

### Trendy Tales ( E-Commerce Application )

React JS , Tailwind CSS

GitHub | Demo

- Created a fully operational e-commerce application featuring a responsive and intuitive frontend design.
- Integrated functionalities such as product listing, search options, filtering, and a shopping cart.
- Crafted a smooth user interface with interactive components to boost user engagement.
- Emulated data management and dynamic updates through local state management, all without backend integration.

### CRM ( Admin - Employee Relationship )

MERN Stack ( MongoDB , Express JS , Node JS , React JS ) , Bootstrap

- Created a CRM system to enhance communication and task management between administrators and staff.
- Integrated functionalities such as employee management, task delegation, and progress monitoring.
- Developed a user-friendly interface for administrators to oversee employee information and evaluate performance.
- Facilitated data visualization through dashboards, offering actionable insights for improved decision-making.

## Technical Skills

- Programming Languages :-** JavaScript, Python, Java, SQL, C++, C
- Frontend & Design :-** HTML, CSS, React JS, Figma, Canva
- Backend & Databases :-** Node JS, Express JS, MongoDB, MySQL, Firebase
- Artificial Intelligence & Data Science :-** TensorFlow, Matplotlib, NumPy
- DevOps & Cloud :-** Git, Github, Docker, Azure AI, Azure Cloud
- CS Fundamentals :-** Data Structures, Algorithms, Object-Oriented Programming (OOP), Operating Systems, Computer Networks, Database Management Systems (DBMS), Machine Learning

## Education

### Hindustan Institue of Technology & Science

BCA - Bachelor's of Computer Applications

CGPA :- 9.45

Chennai, India  
Oct 2022- Current

### Kendriya Vidyalaya No.1

12th Grade ( Percentage :- 87.6% )

Kalpakkam, Chengalpattu , India  
Apr 2021- Mar 2022

### Kendriya Vidyalaya No.1

10th Grade ( Percentage :- 86% )

Kalpakkam, Chengalpattu , India  
Apr 2019- Mar 2020

## Certifications

- Front-End Development** – IBM – January 2024
- Build a Computer Vision App with Azure Cognitive Services** - Microsoft - July 2024
- Databases with Python : MySQL, SQLite & MongoDB with Python** - Udemy - September 2024