

CHANDAN T O

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CAREER OBJECTIVE

To contribute meaningfully to an organization by applying my technical and interpersonal skills, continuously expanding my knowledge, and delivering impactful solutions in a collaborative environment.

EDUCATION

Year	Degree	Institute	CGPA/%
2021–2025	B.E (CSE)	Sri Siddhartha Institute of Technology, Tumkur	9.17 CGPA
2021	PUC	Vidyanikethan Pre-University College	76.5%
2019	SSLC	Maruthi Public School	72%

SKILLS

Python:

- Strong grasp of Python fundamentals including data types, slicing, operators, type casting, and copy operations.
- Proficient in control flow statements and writing modular, readable code using functions, recursion, and variable scopes.
- Solid understanding of OOP concepts such as inheritance, polymorphism, encapsulation, and abstraction.
- Familiar with advanced topics like lambda functions, map/filter, decorators, generators, file handling, SQL connectivity, comprehensions, exception handling, regex, and parsing.

SQL:

- Good understanding of RDBMS concepts such as tables, constraints, data types, and normalization.
- Hands-on experience with DQL, DDL, DML, DCL, and TCL commands.
- Proficient in joins (INNER, LEFT, RIGHT, FULL), subqueries, correlated subqueries, views, pseudo-columns, nested queries, and clauses like WHERE, GROUP BY, and ORDER BY.

Web Technologies:

- Skilled in HTML, CSS, and JavaScript for creating, styling, and enhancing dynamic and responsive web pages.

Soft Skills: Communication, Time Management, Leadership

Tools: Microsoft Word, Excel, PowerPoint, Power BI Desktop

INTERNSHIP EXPERIENCE

Internship

MIT Square, Bengaluru

Aug 2023 – Oct 2023

- Gained hands-on experience in Python programming, **data analysis**, and scripting for automation.
- Built and delivered two minor projects applying Python for real-world problem-solving.

Internship

Robowaves, Bengaluru

Mar 2025 – Present

- Worked on **front-end development** using HTML, CSS, JavaScript, and Bootstrap.
- Contributed to a **full-stack web application**, including **backend development** with database integration.



PROJECTS

Online Voting System

[\(Code Link\)](#)

Tools & Technologies: HTML, CSS, JavaScript, PHP, MySQL

- Developed a secure web application for conducting online elections.
- Used by 500+ users during college elections.
- Selected for *Technodia* (national-level exhibition) and successfully adopted for real elections.

Virtual Assistant

[\(Code Link\)](#)

Tools & Technologies: Python, Machine Learning

- Built an AI-based assistant capable of detecting potential diseases from user symptoms.
- Integrated machine learning models for intelligent response generation.
- Designed an easy-to-use interface for non-technical users.

SDN Based Ddos Detection and Mitigation

[\(Code Link\)](#)

Tools & Technologies: Python, Mininet, SDN, Machine Learning

- Machine Learning-Driven Detection: The project integrates ML algorithms (like Random Forest) with Software-Defined Networking (SDN) to detect DDoS attacks in real time by identifying abnormal traffic patterns and suspicious ports.
- Efficient Mitigation Mechanism: Instead of blocking entire IP addresses, the system selectively blocks only malicious ports for a short duration, minimizing false positives and ensuring legitimate traffic remains unaffected.

CERTIFICATIONS

- Certified by Wadhvani Foundation in Employability Skills - JobReady.
- Certified by NPTEL in Privacy and Security in Online Social Media.
- Certified by NPTEL in Responsible and Safe AI.
- Certified by Great Learning in Front End Development - HTML.

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief. I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Tumkur

Signature
Chandan T O

