SANTHOSH S

Python Full-Stack Developer | AI & Data Science Graduate Chennai, Tamil Nadu, 603103

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SUMMARY

B.Tech graduate in Artificial Intelligence and Data Science with hands-on experience in **Python, FastAPI, Django, REST APIs, SQL, React.js, and MySQL**. Experience in developing **backend applications, RESTful APIs, database-driven solutions, and automated workflows**. Experienced in building **full-stack web applications** using React.js and Python-based backend technologies. Seeking an entry-level **Python Full-Stack Developer** role to build scalable web applications and solve real-world business problems.

EDUCATION

B.Tech in Artificial Intelligence and Data Science (bachelor's degree) - CGPA: 7.61 2022 – 2026

Tagore Institute of Engineering and Technology, Deviyakurichi, Salem, Tamil Nadu

EXPERIENCE

Full Stack Developer Intern

DGI WORX, Chennai 10/2026 – Present

- Developing full-stack web applications using **frontend** and **backend** technologies.
- Creating responsive user interfaces using **HTML**, **CSS**, **JavaScript**, and **React.js**.
- Working with **Python**, **SQL**, and backend frameworks to develop application features, Using Git and GitHub for version control, debugging, and code management.

Python with Data Science Intern

PySpiders, Bangalore 01/2026 – 06/2026

- Developed **Python scripts** for data processing, transformation, validation, and automation across **15+ real-world datasets**.
- Implemented reusable **Python-based data processing workflows** using Pandas and NumPy, improving data preparation efficiency.
- Wrote and optimized **SQL queries** involving joins, filtering, aggregation, and data extraction across **15+ datasets**, reducing manual effort by **40%**.

SKILLS

Programming & Backend: Python, FastAPI, Django, REST APIs, SQL, OOP, Data Structures

Frontend: HTML5, CSS3, JavaScript, React.js, React Router

Database: MySQL, SQLAlchemy, Database Design, CRUD

Authentication & API: JWT Authentication, Authorization, API Integration, Swagger/OpenAPI, Postman

Testing & Development: Pytest, Unit Testing, Debugging, Exception Handling

Tools & DevOps: Git, GitHub, Docker, Linux

PROJECTS

JobTrack — Job Application & Interview Management System

github.com/sanT-0/JobTrack

- Built a full-stack job tracking platform using **React.js, FastAPI, SQLAlchemy, and MySQL** with **JWT authentication, REST APIs, CRUD, search/filtering, dashboard analytics, Pytest, and Docker**.

Tech Stack: Python, FastAPI, React.js, JavaScript, MySQL, SQLAlchemy, JWT, Docker, Pytest

Python Chatbot

github.com/sanT-0/Python-Chatbot

- Built a conversational chatbot using **Python, Flask, and TensorFlow/Keras**, implementing **LSTM-based intent classification and context-aware conversation handling**.

Tech Stack: Python, Flask, TensorFlow/Keras, LSTM

CERTIFICATIONS

Python for Machine Learning — Udemy · 2025

Prompt Engineering to Agent Engineering — Udemy · 2025

Data Science Fundamentals — IBM Cloud DigiLabs · 2025

LANGUAGES

English — Professional Working Proficiency | Tamil — Native Proficiency