SANJAY YADAV

Software Developer

(638) 857-4919 • sanjayyadav11210@gmail.com • https://www.linkedin.com/in/sanjayer19/

• Sohansa M. Badshahpur, Jaunpur, U.P, 222204

Summary

Experienced Python Developer with 3+ years of expertise in building scalable, secure applications using FastAPI, Flask, and Django. Skilled in RESTful APIs, backend architecture, database management, and code optimization. Adept at API integration, cloud services (AWS), and delivering robust solutions in agile environments. Passionate about clean, maintainable code and driving high-impact projects from start to finish.

Skills

Programming Language-: Python · JavaScript · Bash Scripting · HTML · CSS · Go

Frameworks: FastAPI · Flask · Django · CTK

Frontend: HTML, CSS, Bootstrap, JS·CustomTkinter Tkinter

Database: SQLite, MySQL, MongoDB

Tools: GitHub, AWS, Shell Scripting

Others: Tkinter · SQLAlchemy · OAuth · API Integration

Experience

ENSOWT
Software Engineer

Noida, IN
11/2021 - Present

- **Developed and deployed new features** across billing software platforms, **enhancing customer workflows** and **improving operational efficiency** for **2,000+ clients**.
- **Led the end-to-end development** of a **UPI Payment Link system** and implemented **automated update functionality** for the Ping WhatsApp API, reducing **manual intervention by 40%** and **streamlining digital payment processing**.
- **Diagnosed and resolved high-impact software issues**, delivering efficient code fixes that **cut system downtime by 35%** and improved platform **stability and reliability**.
- **Conducted onboarding sessions, live demos, and customer training**, increasing **product adoption by 30%** and contributing to a **positive user experience** and higher **customer retention**.

Slog Solution Pvt. Ltd
Python Trainer

U.K, IN
10/2021 - 11/2021

An educational firm dedicated to training and mentoring aspiring programmers

- **Designed and delivered industry-relevant programming curricula**, enhancing student **technical proficiency**, **problem-solving abilities**, and **real-world software development readiness**.
- **Planned, structured, and executed assessment schedules**, developing comprehensive tests to **evaluate learning outcomes** and track **individual student progress**.
- Trained faculty and academic institutions on in-demand programming technologies, including Python, APIs, and databases. Ensured curriculum alignment with current industry standards.
- Collaborated with academic stakeholders to bridge academia-industry gaps, integrating hands-on projects and job-ready technical modules into training programs, resulting in improved graduate employability.

Education

Lovely Professional University
Bachelor of Technology

Punjab, I.N
08/2016 - 03/2021

S.I.C Inter college
High School & Intermediate Education

Jaunpur U.P
01/2012 - 01/2014

Projects

Accounting Report Software (Sep 22 - Present)

https://github.com/sanjayengineer121/Daily_Ac_report

📣📢 New & Enhanced Billing Software – The Ultimate Financial Management Solution!

Advanced Business Dashboard (2025)
Technologies: Python, Async, Tkinter, CustomTkinter, Database Development, Dashboards, Accounting Software

Developed and launched a high-performance, interactive dashboard designed for real-time business analytics and accounting insights.

Key Features:

- **Auto-refreshing data** with async handling for real-time visibility

- **Optimized backend** for faster rendering and reduced system load

- **Interactive navigation** via smooth scroll sliders and quick-refresh controls

- **Comprehensive visualizations** including bar charts, pie charts, and line graphs for tracking sales, payments, and revenue trends

- **Clean and responsive UI** built with CustomTkinter and Python GUI libraries

- **Targeted for business users** seeking actionable insights and streamlined financial tracking

backenmd_app-sundarikanya

https://github.com/sanjayengineer121/backenmd_app-sundarikanya

A modern FastAPI project with Jinja2 Templates, JSON data files, and Vercel deployment. Easily deploy to Vercel for free and get instant API + frontend hosting.

FastAPI Video Web App – backend_app-sundarikanya
Duration: Jul 2025 – Present

Technologies: FastAPI, Python, Jinja2, JSON, Async, Vercel, REST APIs, User Authentication, Session Management

Developed a modern, full-featured **FastAPI web application** with integrated backend and templated frontend, deployed seamlessly on **Vercel** for free hosting and instant accessibility.

Key Features:

- Built using **FastAPI** and **Jinja2 templates** for server-side rendering

- Implemented **user authentication**, **session management**, and **asynchronous processing**

- Integrated with **JSON-based data handling** for sessions, accounts, and content

- Deployed on **Vercel** with custom configuration for API + frontend hosting

- Modular and scalable architecture with clean project structure

Live Demo:

https://sundarikanya.vercel.app/

Winggz Videos Dashboard (ENSOWT)

<div align="right">Noida, India
02/2024 - Present</div>

https://ping-dist.s3.amazonaws.com/winggz_web_videos_se/index.html

Boostrap Based Ui Full Tracking and Modifying Data from Dashboard

Key Features:

- Website visitor tracking

- Video credit management

- Purchased customer tracking

- Video detail and pricing modifications

- User login/logout tracking

- Website click analytics

- Complete purchase history

Technologies Used:

FastAPI, Bootstrap, Backend Web Development, API Integration

REST API HTTP Hosted And Testing Purpous

<div align="right">Noida, India
02/2023 - 2024</div>

https://github.com/sanjayengineer121/Rest-Api-Practice

REST APIs support all **CRUD operations** (Create, Retrieve, Update, Delete), making them essential for modern web application development. Each operation aligns with a specific **HTTP method**, following RESTful principles for clear, predictable communication between client and server.

- **GET** – Retrieve data from the server
- **POST** – Create new resources
- **PUT** – Update or replace existing resources
- **DELETE** – Remove resources from the server
- **PATCH** – Partially update existing resources

Key Achievements

⭐ Hack The Box Achievement	🎖 Academic Achievement	💡 Examination Achievement
Achieved top-ranking status on the Hack The Box platform under the username Sanjay121, demonstrating expertise in cybersecurity, ethical hacking, and problem-solving	Earned the highest distinction ('O' Outstanding) for a major project at LPU, highlighting technical proficiency and project execution excellence	Secured the top rank in the 12th-grade examination, showcasing dedication, consistency, and outstanding academic performance

References

Abhay Singh – abhay.singh@ensowt.com | +91 88820 63446
(Available upon request)

Hobbies

Badminton Player

Passionate about playing badminton during leisure time

Interests

- Playing Badminton
- Listening to Music
- Reading Books
- Interest in History, Politics, Society