Shivam Yadav

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PROFESSIONAL SUMMARY

Self-motivated and quick-learning IT graduate with hands-on experience in Python, Django, web development, and database management. Strong foundation in programming, DSA, and building real-world projects. Open to learning new technologies and contributing to impactful software solutions.

SKILLS

Programming Languages: Python, Java, JavaScript

Web Technologies: HTML, CSS, Tailwind CSS, React

Frameworks: Django, Flask, FastAPI, Pygame

Database : SQL, PostgreSQL, SQLite
Tools: Git, GitHub, VS Code, Postman

EDUCATION

Bachelor of Science in Information Technology	**JULY 2022 – MARCH 2025**
Tolani College of Commerce	**CGPA: 8.85**
Higher Secondary Education	**MAY 2020 – MARCH 2021**
Shree I B S National Inter College, UP Board	**64%**

PROJECTS

1) **RayCasting Game (2024) – Python**
   - Developed a 2D RayCasting Game using Python, implementing real time rendering techniques. 72.1% Optimized the game's performance to ensure smooth gameplay with efficient algorithm.
   - **Technologies**: Python, Pygame.
   - Github link

2) **BeatBliss Music Web Application (2024-2025)–Python**
   - Developed BeatBliss, a music streaming web app using Django with features like user authentication, playlist creation, and audio playback.
   - Used PostgreSQL for backend and deployed the application on Render for live access.
   - **Technologies:** Django, Python, Tailwind CSS, HTML, JavaScript, PostgreSQL.
   - Github Link

3) **Train Management System (Java)**
   - Developed a Train Management System in Java that allows administrators to manage trains, routes, and schedules.
   - Implemented features for passengers to search, book, and cancel tickets with real-time seat availability.
   - Maintained booking records using efficient data handling and object-oriented design principles.
   - **Technologies**: Java, JDBC, MySQL.
   - Github link

CERTIFICATIONS

1) **Django Web Development – Certification**
   - **Skills Learned**: Full-Stack Web Development with Python and Django, User Authentication, CRUD Operations, REST API Integration, and Backend Best Practices.
2) **Foundations of AI – Internship**
   - **Organization and Skills Learned**: Completed a 4-week AI internship by Microsoft & Edunet Foundation (AICTE), gaining hands-on experience in core AI concepts and real-world applications.