SHAHABAJ MULANI
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OBJECTIVE: **Python Full Stack Web Developer** with strong expertise in **Python, Flask, and Django**, and solid knowledge of modern **web technologies**. Experienced in building **end-to-end full-stack applications** with **secure authentication**, **RESTful API integration**, **database design and management**, and **MVC/MVT architecture**. Passionate about **backend development**, **scalable system design**, and **cloud-based application deployment**.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript
Web Technologies: HTML, CSS, JavaScript
Backend Frameworks: Flask, Django, Noode.js
Databases: SQLite, MySQL, PL/SQL
ORM & Tools: SQLAlchemy, Git, VS Code
Cloud & OS: Familiar with AWS (EC2, S3, IAM), Linux (Ubuntu)

TECHNICAL PROJECTS

Movie Recommendation System *(Flask, Python, SQLite, HTML, CSS, JavaScript)*
- Built a **full-stack Movie Recommendation System** using **Flask**, featuring **secure user authentication**, preference management, and wishlist functionality.
- Integrated the **TMDB API** to provide **personalized movie recommendations** based on genre and language preferences.
- Designed a **dynamic recommendation engine** following **MVC architecture**, utilizing **SQLite**, **SQLAlchemy ORM**, and **Jinja2 templates**.

Algorithm Visualizer *(Python, JavaScript, DOM, HTML, CSS)*
- Developed an **interactive Algorithm Visualizer web application** to demonstrate **sorting and searching algorithms** with step-by-step execution.
- Executed **real-time animations and dynamic DOM manipulation** using JavaScript to visually represent algorithm behavior.
- Added **user-controlled inputs** for dataset size and execution speed to enhance algorithm understanding and learning experience.

Django CRUD Web Application(Python, Django, Javascript, Html, CSS)
- Built a **Django CRUD web application** implementing Create, Read, Update, and Delete operations using **Django ORM**, models, views, templates, and URL routing.
- Enforced a **responsive user interface with Bootstrap** to ensure cross-device compatibility and improved user experience.
- Implemented **data filtering functionality** to enable efficient record retrieval and optimized database queries.

INTERNSHIP AND PROFESSIONAL TRAINING

Vibaas Technology — Software Development Engineer (Intern)   *February 2024 – April 2024*
Pune, Maharashtra
- Enhanced a **web-based student Login system** using **HTML, CSS, and JavaScript**.
- Applied **JavaScript form validation and real-time user feedback** to ensure accurate data entry and enhance user experience, improving scheduling efficiency by **30%** and reducing no-show rates by **25%**.
- Integrated frontend logic with a **PL/SQL-backed database**, ensuring reliable data storage and retrieval.

TNS India Foundation — Industry Readiness Training (Pune)   *February 2025 – April 2025*
- **Completed a** value-added industry training program **focused on enhancing** technical and professional skills **for software development roles.**
- **Gained hands-on knowledge in** Java Full Stack Development**,** SQL database handling**, and** software development fundamentals**.**

EDUCATION

Savitribai Phule Pune University   **Oct. 2021 – Jun. 2025**
Bachelor of Engineering in Computer Science(B.E.), 7.41 cgpa   *Pune, Maharashtra*