Tushar Agrawal

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○ github.com/rockingtushar

Profile

Aspiring software engineer with hands-on experience building full-stack applications using Python, Django and MySQL. Skilled in crafting user-centric features for e-commerce platforms, music streaming apps, and CyberArk-Privileged Access Management. Passionate about continuous learning, problem-solving, and delivering robust solutions that enhance user experience.

Skills

- **Languages -** Python, JavaScript, HTML, CSS, SQL
- **Frameworks & Libraries** – Django, Bootstrap, ReactJS (Basic)
- **Tools -** Git & GitHub, MySQL Workbench, SQLite, CyberArk–PAM
- **Database -** MySQL, MSSQL
- **IDE -** VS Code, IntelliJ IDEA, Apache NetBeans
- **Architecture & Design Patterns -** MVT, OOP(Object-Oriented Programming)

Education

Maharana Pratap Engineering College Kanpur, Master of Computer Application — Oct 2021 – Oct 2023
- Percentage : 74%

Microtek College Of Management & Technology Varanasi, Bachelor of Computer Application — Oct 2018 – Oct 2021
- Percentage : 67%

Projects

T-Cart [↗]
- Designed a dynamic e-commerce platform with 10+ pages using Django, Python, HTML, CSS, JavaScript, SQLite3, and Bootstrap.
- Implemented product search with search suggestions, cart functionality, and Razorpay payment integration for secure transactions.
- Handled 30+ product listings using a SQLite3 database with proper relational schema.
- Improved user navigation and load time by optimizing frontend elements and queries.

Portfolio Website [↗]
- Designed a static personal portfolio website using HTML, CSS, and JavaScript to showcase projects, skills, and experiences.

Sangeet Music Application [↗]
- Designed and developed a static music streaming website using HTML, CSS, and JavaScript.
- Implemented shuffle, repeat, and queue features using the HTML5 Audio API for a seamless music playback experience.

Certificates & Achievements

Python Mania(Certificate of Organizer) — 9 – 10th Dec 2022
- A technical event aimed at enhancing programming skills.

Apex Annual Sport Fest 2022
- Winner in cricket league matches — 21 – 23rd Feb 2022