

Himanshu Sharma

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Objective

Aspiring full-stack developer with hands-on experience in Django and Spring Boot. Skilled in OOP and REST APIs. Passionate about building scalable solutions and learning emerging technologies.

Experience

Python Developer Intern, OctaNet Services Pvt. Ltd. (Remote) Jan 2024 – March 2024

- Enhanced the backend logic of an **e-commerce platform**, contributing to a **12% increase in customer satisfaction**, measured through improved backend performance and reduced support ticket volume.
- Designed and implemented an **automated email notification system** using **Python**, which alerts customers in real-time, ensuring proactive and transparent communication.

Projects

Attendify | github.com/hsbhatra/Attendify Nov, 2024

- Developed a robust, real-time **Attendance Management System** using **QR code scanning** and **OpenCV**, enabling seamless and accurate attendance tracking through optimized image processing and detection algorithms.
- Implemented a highly secure **anti-proxy attendance mechanism** by generating unique, user-specific **QR codes** that automatically expire every 15 seconds, effectively preventing false or remote attendance submissions.
- Integrated a scalable and secure **relational database system** to systematically store, manage, and retrieve attendance data, ensuring high performance, data consistency, and long-term reliability across the platform.
- Tech Stack and Tools:** Utilized **HTML**, **CSS**, and **JavaScript** for building the front-end interface; implemented back-end functionalities using **Python** with the **Django web framework**; managed data storage with **SQLite** database; and employed **Git** for version control.

Quiz Lok | github.com/hsbhatra/Quiz-Lok | quiz-lok.netlify.app/ July, 2024

- Implemented an interactive **scoring system** that enables users to **save, track, and review** their quiz performance over time, enhancing user engagement and learning feedback.
- Developed a dynamic **leaderboard feature** to display the top 5 high scores in real-time, fostering a sense of competition and encouraging repeated participation among users.
- Tech Stack and Tools:** **HTML**, **CSS**, **JavaScript** — utilized to design a responsive interface, manage quiz logic, and handle client-side data storage and updates.

Skills

Technical Skills: Python, Java, SQL, HTML, CSS, JavaScript, Django, Spring Boot, Git

Soft Skills: Communication, Critical Thinking, Adaptability, Accountability, Logical Reasoning, Conflict Resolution, Self Awareness, Willingness to Improve

Education

Dr. DYPIMCAM, Akurdi, Pune, Maharashtra | **MCA** 2023 – 2025

- Coursework:** Data Structures and Algorithms (DSA), Software Development Methodology (Agile), Computer Networking, Cloud Computing, Mobile Application Development, Data Analytics

IPS Academy, Indore, Madhya Pradesh | **BCA** 2019 – 2022

- Coursework:** Computer Architecture, Database Management Systems (DBMS), Object-Oriented Programming (OOPS), Web Technologies, Operating Systems

Extracrricular Activities and Achievements

- Earned a **4-star rating in Python** on *HackerRank*, demonstrating strong coding proficiency.
- Secured **95.91 percentile in MHMCACET** examination, showcasing strong aptitude and analytical skills.