

ROHAN RAJ SINGH

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Dynamic Web Developer with a proven track record at Asfera Technologies, excelling in full-stack development and database optimization. Expert in PHP and MySQL, I engineered impactful applications, enhancing user experience and compliance reporting. Adept at problem-solving and clean code practices, I thrive in delivering innovative solutions that drive efficiency and engagement.

SKILLS

- Object-oriented programming
 - Clean Code Practices
 - Problem Solving
 - HTML, CSS, JavaScript, Bootstrap
 - MySQL (Database Management, Normalization, Query Optimization)
 - Python (Core python, Django)
 - PHP (Core PHP, Laravel - Learning)
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PROFESSIONAL EXPERIENCE

Asfera Technologies. Kalkaji, New Delhi (February 2022 – Current)

- Developed and maintained numerous **high-impact web applications**, demonstrating expertise in **full-stack development, database design, and API integration**.
 - Led the development of a UGC site using **Core PHP** and **MySQL** that can handle more than **50k hits** per day, enabling students to file undertakings, download PDFs, lodge and track complaints, and submit feedback. Managed college compliance and provided comprehensive reporting (**PDF, CSV, Excel**) for authorities. **Integrated APIs** for mobile app support and call center data syncing.
 - Engineered the UHBVN **Complaint Management System** in **Core PHP** and **MySQL**, handling IVRS-registered complaints, **multi-level resolution tracking**, user feedback loops, and **automatic complaint escalation** to the Saral portal with more than 10k complaints being registered daily. **Optimized database** with normalization and **utilized temporary tables** for efficient large data reporting.
 - Built multiple complaint management systems for diverse departments (**PMJAY, UPSRTC, WHEELSEYE, PRASAR BHARTI**), replicating core functionalities of complaint tracking, feedback, reporting, and notifications.
 - Developed and deployed an **SMS Automator** in **Core PHP** and **MySQL** to send templated **SMS** messages to users across **various projects**. Features include handling multiple SMS servers, unique ID-based locking of phone numbers, retry mechanisms for failures, and detailed logging of sent messages and responses.
 - Created an **Email Automator** with similar functionality to the SMS Automator, utilizing different **SMTP servers** for email dispatch.
 - Implemented a **Proficiency Evaluation System** for Digitech, allowing for multi-subject user evaluation, **progress tracking**, and generating reports in **PDF, CSV, and Excel formats**.
 - Developed a full-fledged **Online Learning Platform** in **Django**, capable of managing student/teacher accounts, courses, lessons, assignments, student submissions, and **file/image uploads**.
 - Created **utility modules** in **Python** for tasks like **batch renaming files** with UUIDs and **cleaning CSV data** for direct **SQL import**.
 - Developed engaging command-line interface (**CLI**) games (Snake & Ladder, Rock Paper Scissors) with unique player IDs, name input, and persistent score saving.
 - Currently learning **Laravel framework** and actively contributing to a new **CMS** project for a call center suite.
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EDUCATION

M.C.A | Master of Computer Application | Ignou (New Delhi) - Last Semester | 2025

B.C.A | Bachelor of Computer Application | Cimage (Patna) | 2018

Address

Current: Govindpuri, New Delhi

Permanent: Patna (Bihar)