NAYAN KHATRI

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PROFESSIONAL SUMMARY

Motivated and detail-oriented Bachelor of Computer Applications (BCA) student with hands-on experience in developing full-stack web applications using Python, Django, PHP Laravel, Java, HTML, CSS, JavaScript, and MySQL. Experienced in building responsive websites, secure authentication systems, and database-driven applications through academic projects. Strong understanding of Data Structures, Object-Oriented Programming, DBMS, and Software Development principles. Passionate about solving real-world problems, learning modern technologies, and contributing to innovative software development teams.

TECHNICAL SKILLS

Programming Languages: Python, Java, PHP, C, C++, JavaScript

Frontend Technologies: HTML5, CSS3, Bootstrap, Responsive Web Design

Backend Technologies: Django, Laravel

Database: MySQL

Core Computer Science: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Database Management System (DBMS), Operating Systems, Computer Networks, Software Engineering, MVC Architecture

Development Tools: Git, GitHub, Visual Studio Code, Postman, XAMPP

UI/UX: Wireframing, Responsive Interface Design, User Experience Design

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PROJECTS

Play Arena **Sports Turf Booking Platform**

Technologies: Python, Django, MySQL, HTML5, CSS3, JavaScript, Bootstrap

- Designed and developed a full-stack web application for online sports turf booking and real-time reservation management.
- Implemented an intelligent slot booking system to prevent double bookings and ensure accurate scheduling.
- Developed secure user authentication, registration, and profile management using Django Authentication.
- Built dynamic turf availability and booking management using Django ORM and MySQL.
- Designed a responsive user interface compatible with desktop, tablet, and mobile devices using Bootstrap.
- Developed an admin dashboard to manage turfs, bookings, users, pricing, and booking schedules efficiently.
- Optimized database queries and application performance using Django ORM, reducing booking response time.
- Implemented booking history, cancellation, and status tracking to improve user experience.

E-Commerce Website | HTML, CSS, JavaScript

- Developed a fully responsive e-commerce website featuring product listings, category pages, and shopping cart interfaces.
- Designed an attractive and user-friendly UI to improve browsing and customer experience.
- Implemented responsive layouts compatible with desktop, tablet, and mobile devices.
- Applied reusable HTML and CSS components to improve maintainability and scalability.
- Optimized webpage structure for faster loading and improved user engagement.

Certificate Management System | Python, Django, MySQL

- Developed a secure web application to generate, manage, and verify digital certificates online.
- Implemented authentication and role-based authorization for administrators and users.
- Designed relational database models using MySQL for efficient certificate storage and retrieval.
- Automated certificate issuance and verification, significantly reducing manual administrative work.
- Built an intuitive dashboard for certificate management and validation.

Cafe Management System | PHP, Laravel, MySQL

- Built a web-based café management system to manage orders, billing, menu items, and customer records.
- Developed an interactive admin dashboard for tracking daily sales, staff management, and operational reports.
- Implemented CRUD operations using Laravel and MySQL for efficient database management.
- Improved operational efficiency by digitizing manual café workflows.
- Designed responsive interfaces to provide seamless user experience across multiple devices.

EDUCATION

Bachelor of Computer Applications (BCA)
LJ University, Ahmedabad | 2023 – 2026

Higher Secondary Certificate (HSC)
GSEB Board | 2022 – 2023

Secondary School Certificate (SSC)
GSEB Board | 2020 – 2021

CERTIFICATIONS

- Python Programming
- Laravel Framework Development
- HTML & CSS Web Development
- JavaScript Fundamentals
- UI/UX Design Fundamentals
- C/C++ Programming

RELEVANT COURSEWORK

Data Structures & Algorithms, Database Management System (DBMS), Object-Oriented Programming (OOP), Operating Systems, Computer Networks, Software Engineering, Web Development, Software Testing.

SOFT SKILLS

Problem Solving • Analytical Thinking • Team Collaboration • Communication Skills • Leadership • Adaptability • Time Management • Attention to Detail • Critical Thinking • Creativity • Quick Learner • Continuous Learning

LANGUAGES

English • Hindi • Gujarati