

Sikha Chauhan

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<https://portfolio-sikha-chauhan.vercel.app/>



PROFESSIONAL SUMMARY

- **B.Tech Computer Science student with a strong foundation in full-stack web development. Proficient in React.js, Node.js, and MongoDB, with a focus on performance optimization and scalable architecture. Passionate about developing innovative, user-centric web applications that drive engagement and deliver seamless user experiences.**
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EDUCATION

- **Bachelor of Technology in Computer Science**
GLA University, Mathura, India
CPI: 7.75 | June 2025
 - **Intermediate**
RLPKD School, Mathura, India
Percentage: 83% | May 2021
 - **High School**
RLPKD School, Mathura, India
Percentage: 93.6% | May 2019
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VALUE-ADDED COURSE

- **Python | Udemy | June 2023 – July 2023**
 - **Developed and deployed 4+ Python-based projects, including:**
 - **Snake Game: Achieved 95% responsiveness for seamless gameplay.**
 - **Calculator App: Built an interactive GUI tool with functionality for complex calculations.**
 - **Completed 100+ coding exercises to enhance programming proficiency in Python and OOP concepts.**
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INTERNSHIP EXPERIENCE

Site Management Intern

Annalia Beauty (E-commerce Website on Shopify) | Feb, 2025 – Feb, 2025

- Managed and maintained the company website, ensuring smooth performance and optimal user experience.
- Regularly updated website content, including product listings, blog posts, and promotional banners.
- Identified and resolved technical issues, ensuring minimal downtime.
- Assisted in UI/UX improvements to enhance website aesthetics and functionality.
- Monitored website analytics to track user behavior and suggest improvements.
- Ensured mobile responsiveness and cross-browser compatibility for all web pages.
- Supported the integration of third-party tools and plugins for added functionality.

Software Engineer Intern

Capgemini | .Net Full Stack Developer | April, 2025 – May, 2025

Project - Piltrust

- Independently developed Piltrust, a full-stack Pharmacy Management System as part of Capgemini's internship project evaluation.
 - Built a scalable backend using ASP.NET Core Web API (C#) to handle medicine inventory, user roles, prescriptions, and billing logic.
 - Designed the database schema and wrote efficient queries in SQL Server for managing stock levels, order history, and user details.
 - Created a responsive frontend using Angular, enabling pharmacists and admins to manage operations through a user-friendly interface.
 - Implemented JWT-based authentication and role-based access control (Admin, Pharmacist, Customer) to ensure data security.
 - Integrated features such as stock alerts, expiry tracking, and PDF invoice generation to reduce manual workload and errors.
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PROJECTS

HR Analytics System – Full Stack Web App

- Java Spring Boot | React.js | PostgreSQL | Spring Security | JWT | Recharts | Tailwind CSS
- Designed and developed a full-stack HR analytics platform to help HR teams track employee performance, predict attrition risk, and analyze feedback.
- Implemented role-based authentication and authorization using Spring Security with JWT, ensuring secure access for Admin and HR roles.
- Built RESTful APIs with Spring Boot for employee management, feedback collection, and

performance scoring.

- Developed interactive dashboards using React.js and Recharts to visualize trends in performance and attrition risk.
- Created a custom risk scoring algorithm based on tenure, feedback score, salary, and project count to flag high-risk employees.
- Integrated feedback sentiment analysis and real-time charts to support data-driven HR decisions.

TheatreChalo – Movie Listing & Management Platform

- React.js | Bootstrap | Node.js | Express.js | MongoDB
 - Developed a full-stack MERN application for movie theaters with CRUD operations.
 - Implemented user authentication with JWT and Nodemailer for welcome emails.
 - Designed an intuitive UI for users to search, filter, and browse movies based on categories and ratings.
 - Built an admin dashboard for adding, editing, and deleting movies dynamically.
 - Optimized API endpoints for fast data retrieval and efficient state management using Redux.
 - Ensured mobile responsiveness and cross-browser compatibility for a seamless user experience.
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TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript, C#
 - **Frontend Development:** HTML5, CSS3, React.js, Tailwind CSS, Bootstrap, Angular, JQuery, AJAX
 - **Backend Development:** Node.js, Express.js, RESTful APIs, .NET Core, ASP.NET, Spring Boot
 - **Database Management:** MongoDB, MySQL, SQL
 - **Version Control:** Git, GitHub
 - **Other Tools:** Postman, Firebase, JWT Authentication, Redux, Swagger
 - **Professional Skills:** Problem-solving, analytical thinking, communication, time management, teamwork, strategic thinking, adaptability, quick learning, innovation, Microsoft Office
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CERTIFICATIONS

- **Python Certification | HackerRank**
- **Node.js | DataFlair**
- **DSA with Java | DataFlair**

- **Advanced Python | Udemy**
 - **Web Development | DataFlair**
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ACHIEVEMENTS

- **Solved 200+ algorithmic problems on platforms like LeetCode and CodeChef.**
 - **First Place:** Tug of War | *AAROHAN Sports Fest 2023*
 - **Second Place:** Relay Race & Javelin Throw | *AAGAAZ Sports Fest 2024*
 - **Third Place:** Kabaddi | *SPARDHA Sports Fest 2022*
 - **Organized and led SHECODES Technical Event, increasing participation by 20%.**
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DECLARATION

- **I hereby declare that the information provided is true and correct to the best of my knowledge.**

