

Career Objective

Aspiring Software Developer with hands-on experience in developing full-stack web applications and real-time communication systems. Proficient in Core Java, SQL, and front-end technologies. Aim to contribute my technical expertise and problem-solving skills to innovative software development projects. Eager to leverage my experience in backend development, database management, and UI/UX design to deliver robust and user-friendly software solutions that enhance business operations and customer satisfaction.

Skills

Core Java · Servlets · WebSockets · MySQL · PostgreSQL · HTML · CSS · JavaScript · JSP · Bootstrap · C++ · C · Manual Testing

Experience

Learnbay

Software Developer Intern

01/2024 – 09/2024

- Contributed to the development of a dynamic online food ordering system and a real-time chat application.
- Demonstrated proficiency in Core Java, Servlets, SQL, and front-end technologies such as HTML, CSS, and JavaScript.
- Implemented secure user authentication, real-time messaging, and responsive UI design, ensuring cross-browser compatibility and seamless user experience.
- Skilled in database management, application deployment, and backend development, with a strong focus on delivering efficient and scalable software solutions.

Projects

Foodland - Online Food Ordering System

- Developed a web application that allows customers to browse the restaurant's menu and place orders online, similar to platforms like Zomato and Swiggy.
- Key Responsibilities:**
 - Frontend:** Designed and implemented the user interface using HTML for structure, CSS for styling, and JavaScript for enhanced interactivity.
 - Backend:** Utilized JSP for server-side processing and MySQL for database management.
 - Database Design:** Developed an ER diagram and created tables for users, menu items, orders, and order details.
 - Application Flow:** Crafted user journeys across homepage, menu, cart, checkout, user account, and admin panel pages.
 - Database Connectivity:** Employed JDBC for secure database operations using prepared statements.
 - Deployment:** Deployed the application on Apache Tomcat and ensured cross-browser and device compatibility through rigorous testing.
- Technology Stack:** HTML, CSS, JavaScript, JSP, MySQL, JDBC, Apache Tomcat.

Real-Time Chatbox Application

- Developed a real-time chat application that facilitates instant communication between users, incorporating secure user authentication, real-time messaging, and a responsive user interface.
- Key Responsibilities:**
 - User Authentication:** Implemented a secure login and registration system using Java Servlets and SQL, including password encryption to ensure data security.
 - Real-Time Messaging:** Enabled instant messaging using WebSockets or Server-Sent Events (SSE) in Java, allowing messages to appear in real-time without page refreshes. Chat history is maintained in an SQL database.
 - User Interface:** Designed a responsive and accessible chat interface using HTML, CSS, and JavaScript, ensuring compatibility across devices. JavaScript was used for client-side interactions, such as sending messages and handling notifications.
 - Database Management:** Managed user data, chat logs, and related information using an SQL database. Integrated SQL queries with Java for efficient data retrieval and storage.
 - Private and Group Chats:** Developed functionality for private conversations and group chats, supporting multiple concurrent chat rooms.
 - Notifications:** Integrated real-time notifications for new messages, including sound and visual alerts.
- Technology Stack:** HTML, CSS, JavaScript, Java (Servlets, WebSockets), SQL (MySQL/PostgreSQL), Apache Tomcat.

Education

Technocrats Institute of Technology
Bachelor of Technology in Computer Science & Engineering

Bhopal, India
2020 - 2024

Languages

English Advanced ●●●●●

Hindi Advanced ●●●●●