NEHA PATEL

Associate Software Engineer at *Droom Technology Pvt Ltd*

Contact

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Education

Sardar Vallabh Bhai Patel College,Mandleshwar,MP

2018 - 2021
BSC Computer Science

Jawaharlal Institute of Technology Borawan,MP

2021 - 2023
Master Of Computer Application

Skills

- **Programming Languages**: Core Java (Core, OOP, Multithreading, Socket Programming), C language,PHP, JavaScript (ES6+), TypeScript
- **Concepts** : Object-Oriented Programming, Data Structure, Design Patterns (Singleton, Factory, Observer, etc.), REST APIs, MVC Architecture
- **Libraries** : Redux,GraphQL
- **Databases**: Oracle,SQL,MongoDB, Redis
- **Back-end framework** - laravel, React, Next.js
- **Source and Version Control**: Git, Github
- **Tools**: Postman, VS Code,MyEclipse, RabbitMQ, Robo3T,
- **Soft Skills**: Team Collaboration, Time Management, Adaptability
- **Testing**: Unit Testing, Debugging, Performance Tuning

Profiles

- Linkedin
- Github
- Leetcode
- Hacker Rank
- Coding Ninja
- Naukri.com

Summary

Software Engineer with approx 2 years of experience in developing scalable web applications using Laravel, React, JavaScript, and PHP. Proficient in building RESTful APIs, creating responsive user interfaces, and managing databases like MySQL and MongoDB. Strong grasp of object-oriented programming, clean code practices, and collaborative development. Experienced in Core Java, including socket programming and multithreading, with hands-on projects like a custom chat application. Passionate about solving real-world problems through efficient code and continuously expanding technical skills.

Experience

Droom Technology Pvt Ltd - Associate Software Engineer

08/2023-Present

- Developed and maintained PHP and Laravel backend services, ensuring efficient data processing and API integrations.
- Designed and optimized database structures using MySQL and MongoDB for scalable data storage and retrieval.
- Implemented GraphQL APIs for flexible and efficient data querying, improving frontend-backend interactions.
- Worked with Next.js for server-side rendering, improving the performance of the web applications.
- Applied design patterns (e.g., Singleton, Factory, Observer) to solve common software architecture problems and enhance code reusability and maintainability.
- Led the implementation of key business logic for commercial vehicle inspection systems, including dynamic data handling and report generation.
- Collaborated closely with front-end developers to ensure seamless integration between backend and frontend systems.
- Focused on performance optimization, code maintainability, and scalable backend architecture.
- Applied Core Java concepts in internal utilities and tools.
- Debugged Java-based code and optimized functions using OOP principles.
- Collaborated on Java-based modules involving file I/O, exception handling, and data processing.

Achievements

- Participated in the organization's Hackthon Program's completed tasks on time and get certified for it.
- Member of nodal level kho-kho team.

Projects

Chat Application using Java (Networking Project)

Tech Stack: Core Java, Socket Programming, Multi-threading

- Developed a console-based real-time chat application using TCP/IP socket communication.
- Implemented client-server model where multiple clients can connect and exchange messages via a central server.
- Utilized multi-threading to handle multiple users concurrently without blocking.
- Features include: User authentication, private messaging, and message broadcast system.
- Demonstrates strong understanding of network protocols, I/O streams, and thread management in Java.

Travel and Tourism Management System

Tech Stack: Java, Oracle DB

- Developed a desktop-based travel booking system using Java Swing and JDBC.
- Included features like secure login for different user types, payment integration, booking dashboard, and feedback system.
- Enhanced admin control over tour packages and destinations.

Blog Application

Tech Stack: Laravel + PHP + MySQL

- Built a full-stack blog system with authentication, user roles, CRUD functionality, and WYSIWYG text editing.
- Used Laravel's built-in security and routing features for fast, maintainable development.
- Implemented a responsive frontend using HTML, CSS, and Blade templates.

Bug Tracker System

Tech Stack: Laravel + MySQL + React

- Create and assign issues/tickets to team members
- Tracks status (open/in progress/resolved), comments
- Shows: Task management features, real-world team workflow simulation

Tic-Tac-Toe Game

Tech Stack : HTML, CSS, JavaScript

- Created a fully interactive, mobile-responsive game using pure JavaScript.
- Implemented logic for win detection, score tracking, and game reset.
- Strengthened understanding of DOM manipulation and game loop logic.