

PRIYANSHU SAINI

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Education

Modern institute of technology and research center, Rajasthan

Aug. 2020 – June 2024

Bachelor of Science in Computer Science

Alwar, Rajasthan

Achiver's Academy, Rajasthan

July. 2019 – June 2020

12th class

Alwar, Rajasthan

Experience

Scrmm Labs Pvt Ltd.

June 2025 – Nov 2025

software developer intern

- Contributed to both front-end and back-end development tasks as part of multiple web-based projects.
- Developed and integrated back-end APIs, databases, and server-side logic to support dynamic application functionality.
- Collaborated with senior developers on project development, participating in code reviews and managing code versions using Git.

Projects

Real-Time User Matcher | *Node.js ,Express.js ,Redis ,socket ,Nginx*

- * Real-time Anonymous Chat Matching, Efficiently pairs users in real time using WebSocket connections, enabling instant and anonymous chat sessions.
- * Fast and Scalable Queue Handling, Utilizes Redis to maintain a live queue of users, ensuring smooth pairing logic and fast response even under high load.
- * Automatic Disconnection Recovery, Implements logic to detect disconnections and re-add users to the queue seamlessly, improving user retention and experience.
- * Scalable Multi-Instance Deployment, Configured with PM2 and Redis for horizontally scalable architecture, enabling high availability in production environments.

Blog Application — Backend Project | *Java, Spring Boot, JPA, MySQL, Hibernate*

- * Designed and developed a scalable blog application using Java and Spring Boot, focusing on RESTful API architecture.
- * Designed and developed REST APIs for CRUD operations on blogs, comments, and users, ensuring seamless user interaction.
- * Optimized database queries using JPA and Hibernate, improving the performance and scalability of the application.
- * Wrote clean, maintainable code following best practices, with a strong focus on Spring Security and JPA for secure data management.
- * Managed relational database operations using MySQL and Hibernate for efficient data storage and retrieval.

CI/CD Pipeline for a Node.js REST API | *Node.js ,Express ,GitHub ,Docker ,GitHub Actions, Jest*

- * Developed a modular and scalable REST API using Node.js and Express, implementing best practices in backend development.
- * Containerized the application with Docker and automated the CI/CD workflow using GitHub Actions for seamless testing and deployment.
- * Integrated Jest for automated unit testing, ensuring code reliability and maintaining high-quality standards throughout development.

Technical Skills

Programming Languages: Java, C, C++, HTML , CSS, JavaScript, SQL

Technology/Frameworks: Springboot, React.js, Node.js,Express.js ,MongoDB, Docker, kubernetes

Developer Tools: VS Code, Eclipse, GitHub, IntelliJ

Certificates & Achievements

- * Earned a Java certification on HackerRank, demonstrating advanced Java programming and problem-solving skills.
- * Achieved 3rd place in a college coding competition, highlighting strong programming abilities and competitive problem-solving skills.
- * Received a Certificate of Appreciation in Sanskritik Hindi during high school for outstanding performance.