

# Barkat Ali Ansari

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## SUMMARY

Final-year B.Tech student with expertise in full-stack development, specializing in React.js and Node.js. Completed internships as a Frontend Developer at Salesqueen Software Solution and a React.js Developer, gaining hands-on experience in building scalable web applications. Proficient in Git, MongoDB, and modern development tools, with a strong foundation in software engineering principles and problem-solving. Adept at optimizing application performance, writing clean code, and implementing best practices. Seeking opportunities to contribute technical expertise and innovative solutions to impactful, technology-driven projects in a dynamic development environment.

## PROFESSIONAL EXPERIENCE

### Salesqueen Software Solution

May 2024 - October 2024

#### Frontend Developer : Full Time - Internship

- Created reusable React components following best practices to improve code maintainability, scalability, and efficiency while reducing redundant development efforts in large-scale projects.
- Optimized state management with React hooks, Context API, and Redux to ensure smooth data flow, minimize re-renders, and improve application responsiveness and user interactions.
- Implemented authentication and authorization using JWT and OAuth, ensuring secure user sessions, data protection, and compliance with modern web security standards and best practices.
- Utilized React Router for seamless navigation and dynamic routing, improving application structure, user experience, and accessibility across different sections of single-page applications.
- Enhanced UI performance by implementing React.memo(), useCallback(), useMemo(), lazy loading, and code splitting techniques to reduce load times and optimize resource usage.
- Integrated and optimized RESTful APIs, handling real-time data fetching, caching, error handling, and asynchronous operations to enhance application responsiveness and reliability.
- Designed mobile-friendly, responsive UI using Tailwind CSS and Bootstrap, ensuring compatibility across various devices and improving user experience through adaptive design principles.

## PROJECT SECTION

### AlphaWave : Custom Learning Paths, Powered by AI | [Link](#)

- Description:** Developed a full-stack web application using React.js, Node.js, and Drizzle ORM for efficient backend data operations.
- Technologies Used:** Next.js, React.js, Drizzle (database), Gemini API, YouTube API.
- Responsibilities:** The platform integrates Gemini API for intelligent data responses and YouTube API for curated video content

#### Key Contributions:

- Designed and implemented a dynamic, user-friendly interface using React.js and Next.js. Integrated Gemini API for delivering personalized course recommendations. Utilized YouTube API to fetch relevant video content for users. Managed backend database operations with Drizzle ORM to ensure efficient data handling. Delivered a scalable and responsive platform providing tailored learning experiences.

## EDUCATION

### Bachelor of Technology (B.Tech) 2021-2025

Rajiv Gandhi Proudhyogiki Vishwavidyalaya

- Computer Science and Engineering.

### Senior Secondary (Class 12) 2019-2021

Jharkhand Academic Council (JAC) Board

- PCM (Physics, Chemistry, Mathematics),

### Secondary (Class 10) 2019

- Central Board of Secondary Education (CBSE) Board

## SKILLS

#### Frontend Development:

- Skilled in HTML, CSS, JavaScript, and
- React.js, crafting user-friendly web interfaces for enhanced user experience.

#### Backend Development

- Basic knowledge of backend development, primarily in Node.js, Express, MySQL, and MongoDB, Next.js

#### Others:

- RESTful APIs, GIT, Postman

## CERTIFICATIONS

- Frontend Developer (React) Certificate - [Hacker Rank](#)**  
Earned the Frontend Developer (React) certificate from HackerRank, showcasing skills in React.js, including components, hooks, and state management, with a focus on building responsive and interactive web applications.
- Internship Completion Certificate – [Salesqueen Software Solution](#)**  
Completed an internship as a Frontend Developer, gaining experience in React.js, Node.js, and GIT. Awarded for successfully contributing to dynamic web application development and key feature implementations.
- Full Stack Developer Certification – [Physics Wallah](#)**  
Acquired hands-on experience in full-stack development, mastering both frontend and backend technologies. Skills include: