Vikram Baghel

Frontend Developer

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🌐 Portfolio LinkedIn GitHub

Objective

Results-oriented Full Stack Developer skilled in React, Next.js, React Native, Firebase, and modern UI frameworks. Passionate about building scalable, high-performance web and mobile applications through clean architecture, optimized workflows, and collaborative development.

Experience

Tetrahedron Manufacturing Services Pvt. Ltd. | Full Stack Developer **|** Present — Greater Noida, U.P. — Jul 2024 - Present

Tech Stack: JavaScript, React, Next.js, React Native, Firebase, Tailwind CSS, Material-UI

- Designed and maintained a scalable frontend architecture using React and Material-UI, reducing codebase complexity by 30% through modular and reusable component design.
- Integrated Firebase for backend functionalities, improving user authentication efficiency by 40% and optimizing database schema for performance and maintainability.
- Enhanced application scalability and data retrieval speed by 50% through efficient Firebase integration with frontend modules and optimized API handling.
- Developed responsive, pixel-perfect layouts with Tailwind CSS, ensuring 100% cross-device compatibility across desktop and mobile platforms.
- Led the adoption of a professional project directory structure, improving team collaboration and long-term maintainability.

National Informatics Center (NIC) | Full Stack Developer **|** Intern — Raipur, C.G. — Jan 2023 - Jun 2023

Tech Stack: JavaScript, React, React Native, Firebase

- Led a team of 3 developers in building cross-platform mobile applications using React Native, accelerating development speed by 25% through efficient project management and modular coding practices.
- Managed end-to-end full stack development, ensuring seamless integration between frontend UI and backend logic, resulting in 20% higher application efficiency.
- Built and optimized backend services using Firebase, implementing real-time database management and authentication systems that reduced response times by 35%.
- Collaborated closely with cross-functional teams to achieve 100% on-time project delivery across all milestones.
- Conducted code reviews and implemented best practices, improving overall code quality by 15% and enhancing maintainability.
- Strengthened problem-solving and leadership capabilities, contributing to a 10% boost in overall team productivity.

Projects

KavachPro.com — Safety Management System (Web Application)

Tech Stack: React, Tailwind CSS, Material-UI, Firebase, AWS

- Developed a complete safety management system with a scalable architecture and modular component design using React.
- Integrated Firebase for authentication, database, and cloud storage, ensuring real-time data synchronization and improved performance.
- Implemented state management with Context API, and built a professional directory structure for long-term scalability.
- Designed a custom theme management system with Material-UI and Tailwind CSS to maintain design consistency across modules.
- Deployed the application on AWS, ensuring security, scalability, and optimized resource usage.

Endurance Mobile Game / CMR Mobile Game / Exicom (React Native CLI / Expo)

Tech Stack: React Native CLI, Firebase, Context API

- Built a mobile game application focused on Endurance SOP-based challenges using React Native CLI.
- Utilized Firebase for real-time data management and Context API for seamless global state handling.
- Followed professional folder and theme structure, ensuring efficient development and easy maintenance.

Skills

Html/Html5, Css, Javascript, React, React-Native(Cli/Expo), Redux, Next.js, Vite, Typescript, Nodejs, TailwindCss, Material UI, Rest API, Json Fetch/Axios, Framer-Motion, GSAP, Firebase, MySql, Three.js, Git, Github, Vercel

Education

- M.Sc. In Information Technology (2023)- CGPA: 7.04
- Bachelor In Computer Application (2022)- Percentage: 71.80%
- Diploma In Computer Application (2019)- Percentage: 69.25%