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VIVEK KUMAR
Full Stack Developer

Senior Front-End Developer with 5+ years of experience building responsive web applications. Expertise in React, modern JavaScript frameworks, and Node.js, with a strong focus on performance optimization, reusable components, and enhancing user experience. Proficient in making API calls, managing asynchronous operations, and integrating front-end applications with RESTful and GraphQL APIs. Skilled in collaborating with cross-functional teams to deliver high-quality, scalable solutions.

KEY SKILLS

- Next.js
- React, Redux
- Tailwind css
- Typescript
- Javascript
- Node JS
- MongoDB
- PostgreSQL
- HTML, CSS
- Bootstrap, MUI
- Formik, chart.js
- Figma, Adobe XD
- UI/UX Design
- GIT, JEERA

EDUCATION

Bachelor of Computer Applications (BCA)
D.S. College, Katihar, Bihar, BN Mandal University
2012 – 2015

PERSONAL PROJECTS

School Management System
Developed a comprehensive School Management System using ASP.NET and C#. The project included modules for student admissions, library management, fee and salary payments, and attendance tracking. It streamlined school operations with features like real-time reporting, user authentication, and role-based access, improving administrative efficiency.

Toll Analytics System
Built a Toll Analytics System using Angular, providing real-time insights into daily toll collections. The system tracks and analyzes data such as daily, weekly, and monthly collections, vehicle counts, and revenue breakdowns by vehicle type, enabling better decision-making and operational efficiency.

Product Development Manager
Trify India Pvt. Ltd., Bengaluru   2023–Present

- Built a web portal using React, Bootstrap, and Node.js, achieving a 30% increase in user engagement by providing real-time insights into charging station and vehicle performance.
- Integrated Google Maps to visualize vehicle journeys, improving navigation efficiency and operational transparency by 25%.
- Optimized API calls by implementing Context API, reducing load times by 15%.
- Deployed the web portal on AWS (EC2, S3), enhancing scalability and reliability for future growth.
- Led a team of five in designing and prototyping charging stations, reducing development time by 20%.

Product Design Engineer
Mitra Robot India Pvt. Ltd.   2021 – 2023

- Designed a React-based web portal with Chakra UI for remote robot control, improving real-time health analytics and navigation efficiency.
- Built a web portal using Bootstrap and jQuery, integrating a joystick interface and live camera feed, which improved user satisfaction ratings by 40%.
- Spearheaded the development of the Mini Mitra Robot with autodocking capabilities, increasing operational efficiency for automatic recharging by 30%.
- Enhanced robot designs for easier assembly and disassembly, cutting logistics costs by 15%.
- Integrated ROS libraries, boosting hardware responsiveness and system reliability by 20%.

Senior Design Engineer
Invento Makerspaces Pvt. Ltd.   2018 – 2021

- Rebuilt the company website frontend with a custom React-based theme on CloudFlyer, improving loading speed by 50%.
- Leveraged React's component-based architecture to enhance frontend performance, reducing bounce rates by 30%.
- Created landing pages with animations and graphics, contributing to a 25% increase in lead generation.
- Engineered UV light robots for hospital disinfection, ensuring compliance with health standards.
- Adapted robots for COVID-19 applications, enhancing their functionality in hospital environments.

Embedded Engineer
Bluebotics Automation Pvt. Ltd.   2015 – 2018

- Developed intuitive frontend interfaces integrated with embedded systems for robotic applications, improving user interaction and system performance.