KAPIL PATEL

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OBJECTIVE

Software Engineer — MERN Stack Developer : With over 3 years of experience in MERN stack development, I excel in crafting dynamic, scalable, and user-centric web applications. Proficient in React.js, Node.js, Express.js, and MongoDB, I focus on writing efficient, maintainable code. My expertise includes building RESTful APIs, implementing responsive designs, and collaborating in agile environments to deliver robust software solutions tailored to user needs.

EDUCATION

Bachelor Computer Application, SAGE University Indore   2019 - 2022

SKILLS

Frontend Technologies:	HTML, CSS, JavaScript,Typescript, React.js, Storybook.
UI Frameworks/Libraries:	Material-UI, Tailwind CSS, Bootstrap CSS, Ant Design.
State Management :	Props,ContextAPI,Redux.
Styling Tools :	SASS/SCSS, Styled Component, Emotion CSS-in-JS.
Integration :	RESTful APIs, Fetch API,Axios & Axios interceptors for req/res manipulation.
Performance Optimization:	Code-splitting, Lazy loading.
Code Quality	SonarQube.
Linting/formatting:	ESLint, Prettier.
Backend	Node.js, Express.js, RESTful APIs, WebSockets.
Database	MongoDB, Mongoose, NoSQL, Aggregation Pipelines.
Version Control	Git, GitHub, GitLab.
Security	JWT, OAuth.
Tools	Visual Studio Code, Babel,Webpack, JIRA, Postman, Swagger.

EXPERIENCE

MERN Stack Developer   Oct 2021 - Till date
DevSecRoot Technologies   *India*

Frontend Development & UI/UX Design:

- Designed and developed responsive, user-friendly web pages using custom CSS, ensuring a tailored and visually appealing user interface.
- Implemented Bootstrap for creating responsive layouts, incorporating complex UI elements like forms, modals, and carousels to enhance user interaction.
- Built dynamic, interactive user interfaces using React.js and Redux, enabling seamless data flow and efficient state management.
- Leveraged Context API for enhanced state management across components, optimizing performance.
- Integrated React-Hook-Form and Joi-Browser for form validation, ensuring data accuracy and integrity.
- Developed data-driven components using DataGrid and Datatable, supporting large datasets.

Backend Development & API Integration:

- Designed and implemented RESTful APIs using Spring Boot and Node.js with Microservices architecture for scalability and performance.
- Utilized Axios for smooth integration with backend services, including data fetching and form submissions.

- Applied token-based authentication and error handling to secure user authentication and access to protected routes.
- Enabled infinite scrolling using React-Infinite-Scroll, improving UX in content-heavy applications.

Admin Panel & Dashboard Development:

- Developed an intuitive Admin Panel using Material-Dashboard, with features for managing application settings and displaying locations on a map.
- Created dynamic, real-time dashboard pages, incorporating interactive components for enhanced user engagement.
- Integrated MUIDataTable for building interactive tables with features like sorting, filtering, searching, and pagination for better data management.
- Supported full CRUD operations (Create, Read, Update, Delete) for managing users, products, and configurations in the admin panel.

Component Development & UI Enhancements:

- Designed and implemented reusable React components for a consistent UI and improved code maintainability, including buttons, modals, banners, and custom tables.
- Developed dynamic forms and modals with real-time input validation, ensuring better data accuracy and user experience.
- Applied Material-UI (MUI) for custom styling of dropdowns, menus, and sidebars, enhancing the visual appeal and usability.

Advanced Features & Performance Optimization:

- Implemented dynamic routing using React Router, enabling smooth page navigation and enhancing the user experience.
- Implemented route protection on the UI by checking user authentication status before allowing access to specific pages, ensuring restricted access to protected routes.
- Focused on performance optimization by minimizing state variables, grouping related data, and writing minimal code for better maintainability.
- Integrated i18next for multi-language support, expanding platform accessibility.
- Utilized Google Tag Manager (GTM) for user interaction tracking and analytics to inform decision-making.

Security & User Management:

- Developed secure sign-up and login pages with form validation, integrating POST APIs for user authentication.
- Applied token-based authentication to restrict access based on user roles, ensuring secure routing and redirection.
- Implemented error handling and smooth UI updates upon successful API responses, providing users with immediate feedback.

PROJECTS

Autorox. Autorox is a state-of-the-art, yet amazingly simple, mobile-based garage/workshop management software for passenger cars.

Wayfair. Wayfair is an e-commerce platform offering home goods from 5000+ brands, including furniture, lighting, and cookware. It provides free shipping on most items, catering to diverse styles and budgets.

SPYSS. SPYSS was started in 1980 as a small yoga camp at Tumkur, Karnataka and ever since grown to become a large organization with 700+ branches across the world with more than 40,000+ voluntary teachers and millions of Yoga practitioners.