

Vishal Katkam – Software Developer

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Professional Summary:

- 6+ Years of professional experience in Applications design, Development, Integration, Maintenance, Installation, Implementation, testing of various client/server, N-tier and Mobile applications web applications and its design, using various UI- Technologies.
- Front end/UI/Web development experience with HTML, CSS, Bootstrap, JavaScript, jQuery, AJAX, JSON, React Native, ReactJs, Redux, & ES6, NodeJS.
- Expert in React and React Native, building reusable components, managing state with Redux and Context API, and optimizing performance for responsive web and mobile experiences.
- Design and prototype user interfaces and interactive experiences using Figma and Adobe XD, ensuring intuitive navigation and seamless user flows aligned with project requirements.
- Advanced knowledge of JavaScript (ES6+), including asynchronous programming with Promises and Async/Await, enhancing application efficiency and maintainability.
- Strong front-end design skills using HTML5, CSS3, SASS, and Bootstrap, creating responsive and visually appealing user interfaces with cross-browser compatibility.
- Full-stack development experience using Node.js and Express, building RESTful APIs and scalable backend services to support dynamic front-end applications.
- Experience in cloud platforms (AWS and GCP) for deploying scalable web applications, utilizing serverless architecture and cloud services for enhanced performance and security.
- Skilled in version control systems like Git and Bitbucket, collaborating effectively within agile teams to maintain code integrity and streamline development processes.
- Implemented Ajax calls for triggering data from API's using Redux Saga.
- Experience in Jenkins. Extensive working experience with Axios, mobx, Lodash, and NextJs.
- Experience in configuring, deployment and support of cloud services including Amazon Web Services (AWS).
- Experience in working with RESTFUL web services using POSTMAN and called Rest web services through React to get JSON object and modified the response object to display on web pages.

TECHNICAL SKILLS:

- **UI:** HTML, CSS, JavaScript, TypeScript, React, React Native.
- **Backend:** NodeJS, ExpressJs.
- **Database:** My SQL, MongoDB.
- **Authentication:** OAuth, Firebase Auth, JWT.
- **Cloud & DevOps:** AWS(Lambda),S3, Docker, Kubernetes.
- **Version Control:** Git, Bitbucket, SourceTree.
- **API Development:** RESTful APIs, SOAP, GraphQL, Google API's, Firebase.
- **Build Tools & Testing Tools:** Xcode, Android Studio, Gradle, Postman, Jest, Cypress.

WORK EXPERIENCE:

Client : Visiram Solutions, India

Feb 2020 – Apr 2023

Role: Software Developer

- Designed and developed cross- platform mobile applications using React Native for iOS and Android with optimized performance and scalability.
- Deep understanding of mobile app development lifecycles, API integrations, and writing clean, reusable, and maintainable code.
- Managed state with Redux, Context API, and optimized performance using memorization (useMemo, useCallback).
- Used React.memo, useMemo, and useCallback to prevent unnecessary re-renders.
- Avoided memory leaks by properly clearing timers, subscriptions, and listeners in useEffect cleanup functions.

- Built secure authentication and authorization systems using JWT, OAuth and Firebase Auth for login methods (Email/Password, Google, Facebook).
- Integrated RESTful APIs using Axios and Fetch in React Native, ensuring smooth data flow between frontend and backend services.
- Used Redux Thunk Middleware, in application to retrieve data from Back-End and to also perform RESTful services.
- Proficient in using Postman for testing, automating, and documenting RESTful APIs in Node.js.
- Used SourceTree for commit, push, pull, merge, and resolving conflicts in a GUI-based workflow.
- Strong proficiency in React Native, Swift & Kotlin for cross-platform mobile development.
- Developed scalable backend services and RESTful APIs using Node.js and Express.js to support mobile applications.
- Implemented secure user authentication and authorization using JWT and session management in Node.js.
- Built reusable middleware functions to handle validation, logging, and authentication.
- Ensured API error handling, validation, and proper response formatting for mobile frontend.
- Optimized backend performance by implementing asynchronous event-driven architecture using Node.js.
- Work closely with designers and product managers to develop new features and enhance user experience.
- Worked with file upload/download, pagination, filtering, and caching in Node.js-based backend systems.
- Avoided memory leaks by properly clearing timers, subscriptions, and listeners in useEffect cleanup functions.
- Implemented AsyncStorage in React Native applications to persist user data, preferences, and authentication tokens, ensuring seamless user experience and offline support.
- Proficient in using Postman for testing, automating, and documenting RESTful APIs in Node.js.
- Improved app performance by avoiding anonymous functions in props and deeply nested re-renders.
- Used SourceTree for commit, push, pull, merge, and resolving conflicts in a GUI-based workflow.
- Good understanding in database design CRUD for My SQL and Mongo DB.
- Experienced in Agile/Scrum methodologies, mobile security best practices, and performance/memory tuning for complex applications.

Client : Maxis Software PVT.LTD , INDIA

March 2017 – Jan 2020

Role: React Developer

- Proficient in HTML5, CSS3, JavaScript (ES6+) and React for developing responsive and interactive web applications.
- Develop app and UI components from prototypes and wireframes.
- Expertise in modern CSS frameworks like Tailwind CSS, Bootstrap, and SCSS for building visually appealing UI.
- Strong knowledge of JavaScript frameworks such as React.js, Angular, and jQuery for creating dynamic web applications.
- Experience with CSS animations, Flexbox, and Grid to enhance user interface design and responsiveness.
- Implemented cross-browser compatibility and mobile-first design to ensure seamless user experience across devices.
- Worked with REST APIs and AJAX to fetch and display real-time data efficiently.
- Optimized front-end performance by reducing DOM manipulations, lazy loading assets, and implementing efficient event handling.
- Utilized JavaScript ES6+ features such as Promises, Async/Await, Arrow Functions, and Modules for cleaner and more efficient code.
- Worked extensively with array methods like map(), filter(), reduce(), and forEach() for data transformation.
- Solved optimization problems involving sorting, searching, and filtering in large data sets using JS.
- Integrated client-side form validation using JavaScript to enhance user input accuracy and experience.
- Familiar with build tools like Webpack, Babel, and Vite to improve front-end development workflow.
- Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
- Strong verbal and written communication skills with the ability to articulate technical concepts, issues, and solutions clearly and concisely.

EDUCATION:

Indiana Wesleyan University, Indianapolis

Master's in information technology management – 2024

JNTUH University, Hyderabad

Bachelor of Science in Computer Science -2017