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 RESTfulAPIs 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