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Mohan Gopi Kosuri

Software Engineer

Summary

3.5+ years' experience as a software engineer with designing and implementing highly responsive user interface components using React concepts. Proficient in translating designs and wireframes into high-quality code. Experienced in web page designing, optimization, and mobile responsiveness. Strong knowledge of HTML, CSS, and JavaScript. Familiarity with Android applications with Java Proficient in SQL queries, database design, optimization, and performance tuning. Excellent problem-solving and analytical skills.

PROFESSIONAL EXPERIENCE

Software Engineer

HCL TECH   Hyderabad, Telangana

- Dedicated and efficient javascript developer with years of experience:
- Designed Responsive Designs using CSS3 to arrange all elements of web pages to adapt to the screen size of different devices, such as PCs.
- Strong proficiency in JavaScript, including DOM manipulation (Event bubbling & Event capture): the object model, asynchronous
- Designed front-end framework with React.js Using class components and functional components. Very familiar with the properties of
- Hand on using React Hooks (State Hook, Effect Hook, RefHook, and so on) to use state and lifecycle methods inside functional
- Called React Axios to get Web APIs to transfer data from the backend and update the states in the store of Redux.
- Strong skills in applying Redux in React.js to store the status at the front end.
- Developed middleware like Redux-thunk which can return functions to solve async problems like data updating and fetch from the back-end server.
- Implemented mapStateToProps: mapDispatchToProps: useSe1ector and useDispatch to interact between Redux and React.js.
- Skilled in front-end development for single page applications (SPA) with HTML: CSS3: JavaScript: React.
- Hands-on using React-Router to manage the different React components' path location
- Hand-on experience using React VI libraries such as Material VI: Ant Design and Bootstrap: developing web more efficiently with high-quality and responsive components.
- Worked on Less.js developing more customized components when using React VI libraries, satisfying every need.
- Developed Node.js and Express.js to run script serverside and to develop the server-based applications and divert users to routes.
- Developed SQL Database (MySQL) management systems to analyze, design, and management of business data and databases.
- Hand-on experience m NoSQ data modeling and schema design-
- Used GitHub to conduct modem distributed source code management.
- Followed REST API design rules and parsed multiple data types into JSON in the responses.

Project Description, React.js Developer   Nov '21 - Feb '24

Work History   Hyderabad, Telangana

This is a project to design and build a full eCommerce website and management system for the customer and product management team. Customers can view the product lists on the home page, go to the detail pages, add products to their carts, and log in to the customer page. The management team can add or edit product information (pictures, prices, brands, and so on) on the webpage.

Responsibilities:

- Utilize Typescript and JavaScript in the React.js platform to build a front-end framework.
- Worked with other members of the web team to design and develop exciting features using JavaScript.
- Kept up-to-date on best practices for JavaScript frameworks and techniques.
- Experience in modular programming: developing reusable front-end components (headers: bodies: footers and so
- on) using React.js-
- • Revamped and optimized responsive web application design oflJ12 UX with HTMLS, CSS3 and IJI libraries
- incClaireding Bootstrap and Material VI.
- Designed multiple pages with different functions using React.js and used React-Router to navigate these pages
- (Product list page: Product details page: Product creation and edit pages, customer cart page, and customer login
- page) with a user-friendly flow when switching.
- Used React Hooks to use state and lifecycle methods inside functional components to decrease complexity and
- improve maintainability and extensibility of the system.
- Used Lifecycle Methods, State: Props, Forms, and Events to implement interactive React Components.
- Used Redux with React.js in the application to retrieve and store data (product list, cart list, and perform RESTFUL services.

Project Description, Full Stack Development

The project is a task management system In this application, the administrator can assign tasks to spec-fic employees, check the status of all tasks, and make evaClaireations; employees can check the status of their assigned tasks, change the task's status, reassign the tasks to others, and submit feedback for tasks.

Responsibilities:

- Built the framework of the application using HTML and JavaScript.
- Designed CSS3 templates for use on all pages on the customer management system working with position, text: and border:
- margin, padding, and table.
- JavaScript to set up tables shown on the web page and fetch table data from the Redux Store.
- • Experience in using object built-in methods in JavaScript to display data from the backend.
- Experience in using JavaScript to generate HTML that depends on data and call different methods to trigger events
- and handle data.
- Hands-on using Bootstrap templates for Interface components such as forms, animation buttons, and navigation.
- And using Less.js to customize their styles.
- • Designed reusable components and major pages with a navigation bar using React.js-
- Achieved multiple management functions like sorting and searching by keywords using JavaScript and React.js.
- Utilized Redux to share states across different components to increase development flexibility, performance: and
- scalability.
- Supported programming changes during quality assurance and post-implementation, resulting in high customer satisfaction and documented software bugs, implementing fixes.
- Analyzed existing codes and formulated efficient processes for 5+ programs to enhance user experience.

Software Developer

Snagger India   Vijayawada, Andhra Pradesh

- Experience with common front-end development tools such as Babel: Webpack: and NVM.
- Experience using JavaScript test frameworks such as Jasmine and JUnit.
- Experience with project management tools by using Agile, Scrum, and Jira and able to troubleshoot problems on various projects.
- Hands-on experience in developing multiple operating systems like Ubuntu: MacOS and Windows.
- Strong problem-solving, organizational: communication, and planning skills: with the ability to work in a team environment.
- Implemented asynchronous actions Thunk as middleware in Redux and used Axios to send multiple HTTP requests-
- Hands-on experience using Node.js and Express.js to build a backend server connecting to the MongoDB database.
- Designed backend server with RESTFUL API for frontend, implemented requests to fetch or manipulate data.
- Hands-on Communication with database engineers for data modeling- schema design and connection to No SQL.
- Followed Scrum and used Jira as a tracking tool to identify and monitor progress.
- Used Git for source control and NPM for JavaScrtpt package management.

Technical Skills

Programming Languages:	Java, Javascript
• Web Technologies:	HTML, CSS: React.js, Redux: Node.js, Restful APIs
• Developer Tools:	VS code, Git- Postman, AWS, Lambda.
• OS:	Windows, MacOS, Linux.
• Database:	MySQL, MongoDB: AWS S3
• Project Management Tools:	crum: Jira

Education Qualification

Master of Technology, Computer Science and Engineering	Aug '18 - Jun '20
KL University	Guntur, Andhra Pradesh
Bachelor of Technology	Jul '13 - May '17
Gudlavalleru Engineering College	Gudlavalleru, Andhra Pradesh
Intermediate examination	Jun '11 - May '13
Sri Chaitanya College	Vijayawada, Andhra Pradesh
SSC Examination 10th standard	May '10 - May '11
Flora English Meduim High School	Gudlavalleru,Andhra Pradesh