

USHA MUNDRA

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SUMMARY

Accomplished IT Developer with around 4 years of expertise in integrating, and deploying high-transaction and scalable web applications. Proficient in all facets of the Software Development Life Cycle (SDLC), including analysis, design, development, integration, implementation, and validation of client-server and web-based systems. Adept at delivering accessible and performance-optimized platforms aligned with industry standards. Excels in both collaborative and autonomous environments, driving efficiency and enhancing user experience.

TECHNICAL SKILLS

- **Frameworks & Libraries:** React.js, Angular, TypeScript, Redux
- **Web Technologies:** HTML, CSS, DOM, JavaScript, Bootstrap, Ajax, XML, JSON, jQuery
- **UI/UX Design & Implementation:** Figma, Responsive Web Design, Accessibility (WCAG), Cross-Device Compatibility
- **Performance Enhancements:** Lazy Loading, Code Splitting
- **Backend API Development:** Node.js, Express.js, GraphQL, RESTful APIs, Microservices, Serverless, Backend-for-Frontend (BFF)
- **Databases & storage:** SQL(Oracle, MySQL, PostgreSQL), NoSQL(MongoDB, Firebase, Blob storage)
- **Tools:** Azure, Docker, Amazon Web Services (EC2, S3, EKS), Jenkins
- **Version Control & Collaboration:** Git, GitHub, GitLab, Bitbucket, JIRA, Agile & Scrum
- **Testing Frameworks:** Jest, JSLint, Cypress, Jasmine, Playwright

WORK EXPERIENCE

Aspyrant LLC

Feb 2023 - Present

Software Developer

- Enhanced existing code bases with innovative feature requests in HTML5, CSS3, Bootstrap, JavaScript, jQuery, React.js, Handlebars and JSP.
- Collaborated closely with UI/UX designers to transform design concepts into functional and reusable React components within a structured design system.
- Executed GraphQL queries and mutations proficiently to retrieve and manipulate data, maintaining robust resolvers for efficient client-server communication.
- Optimized frontend-backend communication by integrating GraphQL APIs, improving data synchronization and reducing redundant requests.
- Integrated RESTful AJAX calls to optimize real-time data retrieval and transmission in multiple formats, enhancing client-server communication for seamless and responsive user interactions.
- Implemented responsive web design using media queries and the SCSS preprocessor for an adaptive user experience across devices.
- Utilized testing frameworks like Jasmine and Jest to craft and automate unit tests, ensuring the reliability of the codebase.
- Developed and executed automated UI test scripts using Playwright and integrated with GitHub Actions for CI/CD pipeline automation, ensuring faster and more reliable software releases.

- Enhanced security and data integrity, incorporating robust verification protocols for authentic user-generated content
- Implemented effective error-handling and debugging practices, contributing to a resilient and stable codebase.
- Proficiently used Git for collaborative development, branch management, and code versioning.
- Enforced coding standards, conducted peer code reviews and established best practices for system scalability and performance optimization.

Wipro Limited
Software Engineer

July 2019 - Apr 2021

- Designed, developed, and rigorously tested websites using HTML5, CSS3, Bootstrap, JavaScript, jQuery, and React.js.
- Built and optimized single-page applications (SPAs) in React with TypeScript, ensuring type safety and scalability.
- Developed reusable React UI components, enhancing efficiency and maintainability.
- Integrated external APIs through asynchronous requests in React, dynamically fetching and displaying data within the application.
- Established robust connections between React components and the global state by integrating React applications with Redux using the react-redux library.
- Implemented Redux with TypeScript, ensuring efficient state management and predictable application behavior.
- Configured API Gateway and implemented security measures in AWS to enhance overall system resilience.
- Implemented Amazon S3 APIs for efficient file storage and retrieval, enabling seamless integration with the frontend application.
- Leveraged Git for version control and JIRA for bug tracking, ensuring a systematic and organized development process.

EDUCATION

Master of Science in Computer science & Information Systems
Cleveland State University, Cleveland, Ohio

April 2021 - Dec 2022

Bachelor of Technology in Computer Science & Engineering
Amrita Vishwa Vidyapeetham, Kerala, India

July 2015 - May 2019