**Nishitha Jarubula**

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Professional Summary:

An Experienced IT professional with 10+ Years of work as Full Stack / UI Developer in Developing User Interface (UI) applications, requirements analysis, applications design development, integration, maintenance, installation, Integrating, Implementing the web-based applications in ecommerce, financial and banking domains

* Expertise in developing and updating a web page quickly and effectively using HTML5, CSS3, Node.js,React JS, JavaScript and JQuery Mobile with the webpage cross browser compatibility and Responsive design.
* Complete knowledge of Web protocols and standards (HTTP, HTML5, XHTML, CSS3, Web Forms, XML parsers).
* Expertise is creating table free (div based) hand written HTML/HTML5 pages using CSS/CSS3
* Well-versed using JavaScript and JQuery for manipulating the mark-up and data operations using JQuery AJAX.
* Good understanding in implementing web application using Angular JS framework.
* Developed Web API using Node.JS and hosted on multiple load balanced API instances.
* Developed the relevant backend RESTful API using Node.js and Express JS
* Enhance the applications with new add-on features, using ReactJS framework on front-end and Node JS on back-end with ECMAScript 6(ES16 ) features.
* Used Apostrophe a Node JS based Content Management System (CMS) for maintaining static content of the website.
* Worked with Node JS framework including authoring complex directives, services, controllers, and filters.
* Developed scalable applications using the MEAN (Mongo-DB + Express.JS + Angular + Node.JS) stack and
* created POC's for rest service development using Node.JS, Express.JS and MongoDB.
* Experience working with Node.js to setup Web API’s using Javascript.
* Creating custom, general use modules and components which extend the elements and modules of core Node.JS.
* Involved in integrating with backend technologies like Node.js and using MongoDB as the database.
* Developed Web API using Node.JS and hosted on multiple load balanced API instances.
* Actively optimized server-side performance within the Node.js environment, employing caching, asynchronous programming, and clustering strategies to enhance scalability and responsiveness.
* Used Apostrophe a Node JS based Content Management System (CMS) for maintaining static content of the website.
* Worked with Node JS framework including authoring complex directives, services, controllers, and filters.Developed scalable applications using the MEAN (Mongo-DB + Express.JS + Angular + Node.JS) stack and
* created POC's for rest service development using Node.JS, Express.JS and MongoDB.Used Node.js as a proxy to interact with Rest services and interacting with Database.
* Used node.js as a proxy to interact with RESTful services and integrating with PostgreSQL database.
* Extensively worked with making calls to API’s to fetch the data from node.js backend as JSON response and parse on to the UI or DOM/CSS manipulations .
* Developed the relevant backend RESTful API using Node.js and Express JS
* Experience in Restful webservices development using Express, Node.JS, and MongoDB.
* In depth experience at one time or another with AngularJS, ReactJS, jQuery,jQuery UI, Backbone.js, Node.js.
* Sound Understanding and good Experience with Object Oriented Concepts, Object Oriented JavaScript, Object Oriented Design, Implementation and successfully implemented the concepts in Android.
* Experienced in debugging web applications in different browsers and tools using Firebug, and testing applications using Protractor, Jasmine, Mocha, and karma, Firefox, Chrome developer's tool and Firebug.
* Responsible for writing automatic runnable tasks using Grunt and Gulp to improve development efficiency.
* Expert in designing web applications and web contents utilizing various Search Engine Optimization (SEO) techniques.
* Worked with various DevOps tools Extensive experience in implementation of the version control software GIT and SVN.
* Experience in configuring GIT as a supply Chain Management, Jenkins as a Continuous integration, and the WebSphere, JBoss as a deployment target.
* Experience on IBMWebSphere application server and web servers like Tomcat, Apache and Java Web Server.
* Highly proficient in design/development of standalone and web applications using JavaScript, XML, DHTML, Ajax, JSP, Servlet, Tomcat and Apache Application server over various platforms (UNIX, Linux, and Windows).
* Strong communication, collaboration & team building skills with proficiency in grasping new technical concepts quickly.
* Self-starter always inclined to learn new technologies and Team Player with very good communication, organizational and interpersonal skills.

Technical Skills:

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| Web Technologies: | HTML/HTML5, CSS2/CSS3, XML, XHTML, Bootstrap, JavaScript, AJAX, jQuery, JSON, ES6, Apache, Android, iOS, Windows |
| Other Technologies: | Karma, Jasmine, Webpack, Grunt, Gulp, Bower, Protractor, Mocha, Agile methodologies, Jenkins, LESS, SASS. |
| JavaScript Libraries: | React.js, Angular.js, Angular10/8/6/5/4/2, Polymer.js, Node.js,D3.js, Ionic |
| IDE's and Tools: | Eclipse IDE/3.X, HTTP web server, Apache Tomcat server 7.0.63, Sublime, VScode, Bracket. |
| Publishing Tools: | Adobe PageMaker, MS Office |
| Wire Frame Tools: | Adobe Illustrator CSS3 and Adobe Photoshop. |
| Debugging Tools: | Firebug, Bugzilla, (internet explorer) |
| Database: | PL/SQL(oracle), MySQL, MSSQL |
| Operating System: | Windows NT4.0 XP/, LINUX, MAC OS X |

**Verizon – Irving,TX December 2022 – Present**

**Senior Node.js Developer**

* Collaborated closely with a cross-functional team to design, develop, and implement user interfaces and front-end functionality for web applications, employing React and Node.js technologies throughout the complete Software Development Life Cycle.
* Utilized Node.js and Express.js to develop robust and scalable back-end solutions, fostering efficient communication between front-end and back-end components.
* Proficient in Node.js, Express.js, and MongoDB for back-end development, leveraging asynchronous programming to create scalable and efficient server-side applications.
* Interacted with GraphQL server by writing mutations and queries by using the Apollo Client.Created GraphQL schema and queries to interact with Mongo DB database.
* Involved in design and development of GraphQL and services to interact with data storage layer.
* Adopted for data storage, designed different schemas and data access services to communicate with MongoDB. Strong knowledge on working with GraphQL schema, queries and mutations to interact with Mongo DB and several other data layers. Good knowledge on working with Apollo client to interact with GraphQL server.
* Strong experience in working on JavaScript environment like MEAN (Mongo, Express, Angular, Node).
* Experienced in developing web services using REST services with Node.js and MongoDB, harnessing the power of NoSQL databases for flexible data management.
* Utilized Node.js and Express.js to develop robust and scalable back-end solutions, fostering efficient communication between front-end and back-end components.
* Championed the implementation of authentication and authorization mechanisms within Node.js, ensuring the security of server-side APIs and the effective management of access control. Engaged with Relational Databases, such as Oracle or SQL Server, proficiently executing CRUD operations and leveraging SQL for data persistence.
* Implemented ReactJS with Redux state management and used React.js in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
* Implemented stable React JS reusable UI components and stand-alone functions to be added to any future pages.
* Developed web applications using HTML5, CSS3, and making the application Responsive JavaScript library ReactJS, Redux and immer.js
* Utilized React.js for building interactive components and employed Next.js for server-side rendering (SSR) and efficient client-side navigation.
* Proficient in Next.js, successfully leveraging the framework to build responsive and high-performance web applications.
* Utilized Next.js API routes to handle server-side logic, facilitating seamless data fetching and integration with databases.
* Integrated GraphQL with front-end frameworks like React, Vue, or Angular, leveraging tools such as Apollo Client or Relay for efficient data management.
* Implemented advanced error handling and caching strategies in GraphQL to enhance user experience and minimize data fetching overhead.

**United Health Group – Minneapolis, Minnesota November 2021– December 2022**

**Node.js Developer**

**Responsibilities:**

* Created and maintained RESTful APIs using Express.js, facilitating robust and scalable back-end services for web applications.
* Implemented server-side business logic and middleware functions in Node.js, optimizing application performance and reliability.
* Integrated various databases (e.g., MongoDB, PostgreSQL, MySQL) with Node.js applications using ORMs and database drivers for efficient data management.
* Leveraged Node.js’s asynchronous capabilities (e.g., callbacks, promises, async/await) to enhance application responsiveness and handle concurrent operations.
* Designed and implemented custom middleware in Express.js for tasks such as authentication, logging, and request validation.
* Developed comprehensive error handling strategies in Express.js to ensure graceful degradation and improved user experience.
* Tuned Node.js applications for optimal performance by profiling and optimizing code, managing asynchronous operations, and implementing caching strategies.
* Applied security best practices in Node.js applications, including the use of helmet for securing HTTP headers, and implemented rate limiting and input validation.
* Created and maintained API documentation using tools like Swagger or Postman to streamline development and facilitate integration with front-end teams.
* Conducted unit and integration testing for Node.js applications using frameworks like Mocha, Chai, or Jest, and debugged issues to ensure robust application functionality.
* Managed deployment pipelines and continuous integration/continuous deployment (CI/CD) processes for Node.js applications, using tools like Docker, Jenkins, or GitHub Actions.
* Implemented real-time features using WebSockets or libraries like Socket.io in Node.js to enhance user interaction and provide live updates.
* Designed and built scalable application architectures using Node.js, including microservices and modular design patterns to handle high traffic and complex use cases.
* Utilized npm and yarn for package management, ensuring consistent and efficient dependency management across development environments.
* Utilized React's event handling capabilities and two-way data binding to optimize application functionality, binding user inputs to component properties via controlled components and promptly responding to user interactions.
* Leveraged React to architect and create efficient UI components, implementing advanced functionalities using React Hooks and Context API to manage application state seamlessly.
* Developed the web application with the newest React features centralized with Hooks.
* Worked on End-to-End Google Analytics solution design, development, support, testing and data analysis.
* Developed the relevant backend RESTful API using Node.js and Express JS
* Enhance the applications with new add-on features, using ReactJS framework on front-end and Node JS on back-end with ECMAScript 6(ES16 ) features.
* Experience with web analytic tools like Adobe Site Catalyst / Omniture and Google Analytics to analyze and report on customer behavior on business requirements.
* Skillfully integrated JavaScript libraries such as jQuery, D3.js, and Moment.js into the React application, enhancing efficiency and functionality throughout the development process.

**U.S Bank – Minneapolis, Minnesota November 2020– November 2021**

**Node.js Developer**

Responsibilities:

* Developed Web API using Node.JS and hosted on multiple load balanced API instances.
* Developed the relevant backend RESTful API using Node.js and Express JS
* Worked with Node JS framework including authoring complex directives, services, controllers, and filters.
* Developed scalable applications using the MEAN (Mongo-DB + Express.JS + Angular + Node.JS) stack and
* created POC's for rest service development using Node.JS, Express.JS and MongoDB.
* Experience working with Node.js to setup Web API’s using Javascript.
* Creating custom, general use modules and components which extend the elements and modules of core Node.JS.
* Experience in Restful webservices development using Express, Node.JS, and MongoDB.
* Implemented API versioning strategies in Express.js to manage changes and ensure backward compatibility across different versions of the API.
* Utilized libraries such as Joi or Validator.js to perform comprehensive data validation and sanitization, ensuring data integrity and security.
* Integrated rate limiting and throttling mechanisms using tools like express-rate-limit to protect APIs from abuse and ensure fair usage.
* Managed user sessions and authentication using packages like express-session and passport.js, implementing various authentication strategies (e.g., OAuth, JWT).
* Implemented logging and monitoring solutions using tools like Winston, Morgan, or Loggly, and integrated application performance monitoring (APM) tools like New Relic or Datadog.
* Configured Express.js applications to work with API gateways for enhanced routing, load balancing, and security features.
* Developed and deployed microservices using Node.js and Express.js, enabling modularity and independent scalability of services within a larger application ecosystem.
* Utilized templating engines like EJS, Pug, or Handlebars to dynamically render HTML pages on the server side and deliver personalized content to users.
* Integrated GraphQL with Express.js for advanced querying capabilities, allowing clients to request precisely the data they need and reducing over-fetching.
* Implemented background processing and job queues using libraries like Bull or Kue to handle time-consuming tasks asynchronously and improve application responsiveness.
* Developed custom Express middleware for specialized needs such as logging, performance monitoring, or enhanced security measures.
* Implemented API key authentication, OAuth2, and JWT (JSON Web Token) to secure endpoints and manage user permissions effectively.
* Configured environment variables and managed application settings using dotenv or similar libraries to maintain different configurations for development, testing, and production environments.
* Developed serverless functions and APIs using Node.js, deployed on platforms like AWS Lambda or Azure Functions for cost-effective and scalable solutions.
* Integrated caching strategies using Redis or similar technologies to improve API performance and reduce response times.
* Enforced coding standards and practices using linters (e.g., ESLint) and code formatters (e.g., Prettier) to maintain high-quality and consistent codebases.
* Enhance the applications with new add-on features, using ReactJS framework on front-end and Node JS on back-end with ECMAScript 6(ES16 ) features.

**ADP – Atlanta, Georgia June 2020 – November 2020**

**Role: Full stack Developer**

**Responsibilities:**

* Developed web applications using HTML5, CSS3, and making the application Responsive JavaScript library ReactJS, Redux.
* Designed and implemented GraphQL APIs to enhance data retrieval efficiency and support complex querying needs, resulting in a 30% reduction in data fetching times.
* Integrated Apollo Client with React applications to streamline data management and improve application performance.
* Developed and maintained GraphQL schemas and resolvers, ensuring they met both functional and performance requirements.
* Collaborated with front-end developers to optimize GraphQL queries and reduce the amount of redundant data retrieved.
* Utilized GraphQL subscriptions to enable real-time updates for chat and notification features, improving user engagement.
* Integrate with GraphQL queries to the front end to fetch the data.
* Implemented page routing with the use of React-Router to create a Single Page Application (SPA) for quick, responsive pages and dynamic navigation through the menu.
* Worked extensively on Elixir and Phoenix backend for mix of static, React and iOS frontend applications.
* Focused on functional web application architecture using Elixir, Phoenix and React.js.
* Built a digital checking onboarding app which includes the features like the paperless, activate debit card, adding the cards to apple pay, google pay on mobile and add to PayPal on desktop.
* Implemented stable React JS reusable UI components and stand-alone functions to be added to
* any future pages.
* Worked with Redux architecture using complex Object-Oriented concepts in improving the performance of the websites.
* Implemented Next.js in other applications for routing and to render the app on server-side environment.
* Used Jenkins pipelines to deploy Server-side rendering apps to Kubernetes using Docker and analyzed logs in Kibana logging and metrics.
* Implemented REST API using node.js and express.js.
* Used node.js as a proxy to interact with RESTful services and integrating with PostgreSQL database.
* Extensively worked with making calls to API’s to fetch the data from node.js backend as JSON response and parse on to the UI or DOM/CSS manipulations
* Created Kibana dashboard to monitor the logs for API errors, AEM errors, success logs.
* Unit tested components using Jest and Enzyme to ensure stability, functionality, maintainability, and support.
* Worked on A11y testing for the app.
* Used GIT for version control and JIRA for defect tracking.
* Performed the System Testing, Regression Testing for Complete UI after fixing the Issues which are reported by Testing Team.

Environment: HTML5, CSS3, Angular 4, JavaScript, Typescript, jQuery, Bootstrap, JSON, Splunk, RESTful, Rally, TDD, MongoDB, GIT, Visual Studio Code.

**Office Depot - Boca Raton, FL October2018 - May 2020**

**Role: Node.js Developer**

**Responsibilities:**

* Developed Web API using Node.JS and hosted on multiple load balanced API instances.
* Developed the relevant backend RESTful API using Node.js and Express JS
* Enhance the applications with new add-on features, using ReactJS framework on front-end and Node JS on back-end with ECMAScript 6(ES16 ) features.
* Used Apostrophe a Node JS based Content Management System (CMS) for maintaining static content of the website.
* Worked with Node JS framework including authoring complex directives, services, controllers, and filters.
* Developed scalable applications using the MEAN (Mongo-DB + Express.JS + Angular + Node.JS) stack and
* created POC's for rest service development using Node.JS, Express.JS and MongoDB.
* Experience working with Node.js to setup Web API’s using Javascript.
* Creating custom, general use modules and components which extend the elements and modules of core Node.JS.
* Experience in Restful webservices development using Express, Node.JS, and MongoDB.
* Developed web applications using HTML5, CSS3, and making the application Responsive JavaScript library ReactJS, Redux and immer.js
* Worked on insurance portal payroll application portal for developing the new features and also maintaining the existing application.
* Implemented ReactJS with Redux state management and used React.js in development of the web application to bind the data/model that is being retrieved from a database through services provided in a controller to the view using scope.
* Implemented stable React JS reusable UI components and stand-alone functions to be added to any future pages.
* Implemented the react reusable components and sophisticated data visualizations using d3.js, E-charts and Highcharts.
* Developed user interface by using the React JS Router for SPA development.
* Basically, replace all React class component with functional component. For stateful management, replaced with new Hooks like useState, useEffect, useReducer, and useRef.
* Incorporated with @Reach/Router to handle routing.
* Developed the web application with the newest React features centralized with Hooks.
* Worked on End-to-End Google Analytics solution design, development, support, testing and data analysis.
* Implemented Google Mobile Analytics to capture sessions, OS, Versions, devise, location metrics of mobile users and sending intelligent Email, SMS based campaign alerts.
* Experience with web analytic tools like Adobe Site Catalyst / Omniture and Google Analytics to analyze and report on customer behavior on business requirements.
* Experience working with Tag management systems like google tag manager, Adobe Dynamic Tag Manager, Tealium.
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Environment: HTML5, CSS3, Bootstrap and Typescript, Angular 2, jQuery, REST API's, Ajax, Bootstrap, TDD, Junit, GitHub, JIRA

**DISH Network - Colorado, Denver December 2017- October 2018**

**Role: Web /UI Developer**

**Responsibilities:**

* Involved in Requirement gathering phase to gather the requirements from the business users and dealing with UX team to continuously accommodate changing user requirements.
* Developed the front end of the application using HTML5, CSS3, SASS, JSP, JavaScript
* Applied advanced HTML, JavaScript, and CSS to deliver innovative user interfaces and components.
* Created interactive websites and website features using JavaScript and JQuery UI.
* Extensively used Angular2 with HTML, CSS, and Bootstrap to create rich User Experience.
* Developed Angular 2Template driven forms and Model driven forms builder by using ng model.
* Used Angular.js for developing single page web applications.
* Used Angular 2for Client-side validations while rendering JSON validation errors in the backend.
* Used Node. JS Application in building the minified versions.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular 2.
* Wrote Page level code using JavaScript with Angular.js framework along with JQUERY and other JavaScript libraries.
* Spearheaded adoption of Responsive Web design principles.
* Creating interactive prototypes using HTML5, CSS3, JavaScript front end code from a combination of wireframes, visual designs, and design standards.
* Utilized Adobe Fireworks, Adobe Photoshop, Adobe Dreamweaver, and Illustrator for the front-end development such as graphics and multimedia's.
* Build service-based architectures and platforms using core JAVA, Servlets, JSP and Web - Services.
* Worked with Node.js to give a structure with rich API over a RESTful JSON interface.
* Wrote application level code to interact with the backend databases JQUERY, AJAX and JSON.
* Implemented Grails Services and controllers to perform actions.
* Involved in rendering custom HTML tags using React.js.
* Implementing client-side Interface using React.js.
* Used Node JS for heavy DOM manipulation.
* Worked upon the dashboard for the project which contained a variety of charts and drag gable components using JQUERY UI Library.
* Used AJAX for asynchronously exchanging small amount of data with the server behind the scenes and updating the JSP page.

Environment: HTML5, CSS3, J Query, Handle Bars, AJAX, Responsive Web Design, Jasmine, Grails, Angular 2, Angular.js, MongoDB, Node.js, React.js, JSON, Dreamweaver, Photoshop, Flax, JavaScript, JSP, SASS and Windows.

**Seneca Global - Hyderabad August 2015- July 2016**

**Role: Java Developer**

**Responsibilities**

* Involved in the Software Development Life Cycle phases like Requirement Analysis, Implementation and estimating the time-lines for the project.
* Responsible for designing page layout using HTML, CSS3, Bootstrap along with JQuery and adding dynamic functionality to each module.
* Designed DOM based interactive to reprogram selected links and adopted WCAG 2.0 standards for HTML and XHTML and W3C standards for CSS as well.
* Created Images, Logos and Icons that are used across the web pages using Adobe Flash and Photoshop.
* Created and developed the web-page layout and positioned/developed design elements, using Dreamweaver, HTML and Adobe Photoshop.
* Designed Frontend with in object oriented JavaScript Framework like bootstrap, Backbone.js, Require.js, Node.js, Angular.js and Ext.js.
* Development of the interactive UI's for the front end users using the front-end technologies like HTML, CSS, JavaScript and JQuery.
* Extensive usage of Bootstrap and LESS CSS for Responsive Design.
* Extensively used CSS and Bootstrap for styling the HTML elements.
* Integrated the front end UI to the back end using Spring MVC framework.
* Developed Tabbed pages using AJAX with JQuery and JSON for quick view of related content, providing both functionality and ease of access to the user.
* Debugged the application using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions using Firefox and IE Developer Tool bar for IE.
* Worked with the team of architects and back-end Developers to gather requirements and enhance the application functionality and add new features.

Environment: HTML, CSS3, Bootstrap, Angular JS, JQuery, JavaScript, AJAX, XHTML, HTML, CSS, XML, DOM, MVC, Adobe Flash, Adobe Photoshop, RestAPI, Dreamweaver, backbone.js, Require.js, node.js, Ext.js, bootstrap, agile, Oracle, Windows.