**PROFESSIONAL SUMMARY**

* As a highly experienced MERN developer for 8 years, I have conducted multiple teams and delivered high-quality software products on time and within budget. Key achievements include leading the development of an e-commerce platform using MERN stack resulting in a 50% increase in online sales. Also, led the development of multiple web applications, resulting in a 20% increase in revenue. Improved website performance by implementing server-side rendering, resulting in a 40% reduction in page load time.
* Credible experience in development and deployment of applications using application and web servers like NginX, Apache Tomcat etc.
* Experience of using various web technologies like HTML, CSS, Java Script, AJAX, Bootstrap jQuery, Angular.
* Proficient in various Web based front-end technologies like HTML5, CSS3, ReactJS, jQuery and JavaScript.
* Experienced in several DevOps essential tools like Docker, Kubernetes, GIT.
* Experience in writing Components, Pipes and Services to separate concern and handle different situations by using Angular.
* Expertise to create a self-contained, reusable and testable modulus and components in Angular.
* Experience in building reusable and customizable components for a website using ReactJS and React-Routes to create a single page web application.
* Good Knowledge on front-end development using React with Redux but have also worked in all parts of the stack.
* Experience creating single page applications using Angular and NodeJS.
* Familiar with Continuous Integration and Continuous Delivery (CI/CD) technology such as GitHub Actions.
* Experienced in working with relational databases like MySQL, database programming language PL/SQL.
* Experience in Jest testing framework to automate Unit Testing.
* Extensive experience with Java Script complaint IDEs like Visual Studio Code.
* Experienced with various Software design patterns like Model View Controller (MVC), Proxy, Singleton, SOLID Principles etc. in the development of Enterprise Applications.
* Involved in complete Software Development Life Cycle (SDLC) phases which include Requirement analysis, Design, and Implementation.
* Hands on experience in Object-Oriented Analysis and Design (OOAD) methodology using Unified Modelling Language (UML).
* Articulate in written and verbal communication along with strong interpersonal, analytical, and organizational skills.
* Highly motivated team player with the ability to work independently and adapt quickly to new and emerging technologies.
* Experience in developing software using SDLC and Agile/Scrum methodologies.
* Good knowledge of Algorithms and Data Structures.
* Experienced in developing software using SDLC and Agile/Scrum methodologies using TDD/BDD.
* Expertise to create a self-contained, reusable and testable modulus and components in Angular.
* Experience in building reusable and customizable components for a website using ReactJS and React-Routes to create a single page web application.
* Having good knowledge on and implemented functional styles of ES-6 Lambda Expressions.
* Good Knowledge on front-end development using React with Redux but have also worked in all parts of the stack.
* Experience creating single page applications using Angular and NodeJS.
* Good knowledge in using JavaScript frameworks like Node.JS, Express.JS and Hapi.JS to build web applications.

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**TECHNICAL SKILLS:**

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| **MERN Stack** | MongoDB, Express.js, React, Node.js |
| **Front-end** | HTML, CSS, JavaScript, React, Redux, AngularJS |
| **Back-end** | Node.js, Express.js, MongoDB, MySQL, PostgreSQL, GraphQL |
| **Serverless** | AWS Lambda, Azure Functions, Firebase Functions |
| **APIs** | REST, GraphQL |
| **Tools** | Git, Webpack, Babel, NPM, Yarn, Docker, Jenkins, Travis CI |
| **Testing** | Jest, Mocha, Chai, Enzyme, Cypress |
| **NoSQL database** | MongoDB, Cassandra |
| **Deployment** | Heroku, AWS, Azure, Digital Ocean |
| **Security** | JAXB, Apache Axis, DOM |
| **Other** | Agile, RUP, TDD, OOAD, SDLC |
| **OS & Environment** | Windows, Win 2k Server, UNIX, MacOS, Amazon Linux, Ubuntu |
| **Design Patterns** | Singleton, MVC, Prototype |

**PROFESSIONAL EXPERIENCE:**

**Self Employed (c2c) Feb 2021 - Present**

**Role: Java Full Stack Developer (MERN Stack)**

**Responsibilities:**

* Developed a real-time chat application using the MERN stack, which involved implementing a

Web sockets-based communication system. Used Redis as the in-memory database for handling

real-time data. Optimized the application for responsiveness and scalability, resulting in a 75%

reduction in latency. Technologies **used: MongoDB, Express.js, React, Node.js, websockets,** Redis, real-time communication.

* Supervised the development of a large e-commerce platform using the MERN stack, which

involved designing and implementing a microservices architecture. Used Docker for

containerization and Kubernetes for orchestration. Implemented a payment gateway system

using Stripe, resulting in a seamless and secure payment experience for users. Technologies

used: MongoDB, Express.js, React, Node.js, microservices architecture, Docker, Kubernetes,

Stripe.

* Designed and developed multiple web applications using MERN stack, resulting in a 50%

increase in sales and a 40% reduction in customer support inquiries.

* Integrated various payment gateways like Stripe, PayPal, and Braintree resulting in a 25%

increase in payment options

* Involved in System analysis and Design Methodology as well as Object Oriented Design
* Design the database by working with the Client’s representation for understanding and confirming every requirement and customized features.
* Responsible for keeping documents for the project, writing instruction, making demo and presentation materials.
* Used Agile process to streamline the development and design process which includes bi-weekly Sprint and daily Scrum to discuss work progress and organize teams around tasks/projects with JIRA.
* Responsible for the Design, Deploy and development of the web applications.
* Did front-end development using responsive views with Bootstrap and styles with CSS3 using which user can provide search criteria.
* Worked on AWS S3 service for high availability practices and deploying backup/restore infrastructure.
* Converted entire codebase to use modern ECMA Script (ES6) modules using Webpack.
* Involved in deploying systems on Amazon Web Services (AWS) Infrastructure services and managed individual components in configuring the EC2 Security group.
* Working experience with Rabbit MQ by connecting to the topic then fetching the messages and parsing the messages using multi-threading.
* Used the Agile process to streamline the development and design process, including bi-weekly Sprints and daily Scrum meetings to discuss work progress.

**Environment** Rest API, Security), ReactJS, TypeScript, AWS (S3/EC2), RESTful Web Services, Bootstrap, AWS, GIT, CSS3, JUnit, Swagger, Angular 9/10/11 .

**North Bay Solutions**  **Feb 2018 - Jan 2021**

**Software Engineer (MERN)**

**Responsibilities:**

* Executed the development of a complex e-commerce platform using MERN stack with GraphQL

APIs, resulting in a 30% increase in online sales.

* Mentored and trained junior developers in MERN stack technologies, resulting in a 50% increase

in team productivity.

* Improved website performance by implementing server-side rendering, resulting in a 40%

reduction in page load time.

* Implemented secure authentication using JWT tokens and OAuth, resulting in a 50% reduction in

user account compromise.

* Enhanced continuous integration and deployment using Jenkins and Docker, resulting in a 60%

reduction in deployment time.

* Designing and developing Web Application adhering to MVC architecture that provides users ability of creating new web-based claims and viewing claims status online.
* Designed an interactive UI with HTML5, CSS3, jQuery, Angular, AJAX that handles asynchronous loading and rendering of claims data.
* Constructing reusable front-end structure that consumes RESTful endpoints to render and display claims files to the customers.
* Interacting with the clients to understand their requirements and provide smooth implementation and on-going support.
* Involved in writing SQL queries, PL/SQL programming and created new procedures.
* Analysing existing code and formulate solution for adapting to evolving web environment.
* Provided functionality to the customers to manipulate personal details like demographic information as well as critical claims data.
* Performed Branching, Tagging, Release Activities on Version Control Tools: GIT
* Used several DevOps essential tools like Docker, Kubernetes, GIT.
* Combine Lambda using with other AWS services to build powerful web applications that automatically scale up and down and run in a highly available configuration across multiple data centres.
* Involved in the Agile sprints to streamline the development and design process.

**Environment:** JWT, RESTful Web services, TypeScript/JavaScript, jQuery, HTML5, CSS3, Bootstrap, Scrum, Jira.

**Afiniti Mar 2017 - Jan 2018**

**Project: Cards Payment Association**

**Role: MERN Stack Developer**

**Responsibilities:**

* Developed and maintained a large-scale e-commerce platform using MERN stack.
* Worked on the front-end using React, Redux, and AngularJS to implement responsive web

designs and improve user experience.

* Developed RESTful APIs using Node.js and Express.js, with a focus on performance optimization and efficient data storage with MongoDB.
* Implemented user authentication and security using JWT and OAuth.
* Implemented automated testing with Jest and Enzyme, and continuous integration/continuous deployment (CI/CD) using Jenkins and Travis CI.
* Worked on server less architecture using AWS Lambda and Firebase Functions

Environment: HTML, Web Services, GIT.

**Education: Bachelor of Science in Computer Engineering**