Sri Karan Reddy Prodduturi

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SUMMARY

- **4+ years** of experience building professional web applications using technologies like **Node.js, MySQL** & **React**.
- Expertise in building **REST APIs** for web applications using Node.js with Express.js**.**
- Having experience in various **RDBMS** databases like **MySQL** and NoSQL databases like **MongoDB**.
- Expertise in writing, testing and optimizing MySQL Queries, Dynamic-queries, subqueries, and complex joins for generating Complex Stored Procedures and Triggers
- Experience in creating web applications using ReactJS with Redux architecture for better state management.
- Used ReactJS framework to develop dynamic and scalable components based on client necessities also comfortable working with **JSON data** format to consume **REST APIs.**
- Good Exposure on development using JavaScript, REST and Micro services architecture.
- Experience building single page applications (SPAs) with tremendous debugging skills using Chrome Developer Tools.
- Solid understanding of agile methodologies & Test-Driven Development (TDD) using **Jest** and **Enzyme** for unit testing.
- Experience working in a team using **GitLab** version control for Source Code version management & **JIRA** for bug tracking.
- Worked in Agile Methodology having biweekly sprints and attended daily scrum calls with onshore and offshore team.
- Self-motivated team player with the ability to work independently and adapt quickly to new and emerging technologies.

EDUCATION

Master of Science in Business Analytics and Information Systems   **GPA:3.81**
University of South Florida, Tampa, Florida.   May 2020
Graduate Courses: Distributed Information Systems, Cloud computing for IT, Seminar on Software Testing.

Bachelor of Technology in Electronics & Communication   **GPA: 7.01**
Lovely Professional University, Punjab, India.   May 2015

SKILLS & CERTIFICATIONS

Web Technologies: Node.js**,** React, Angular 7/8/9, AJAX, JSON, jQuery, Bootstrap 4.
Languages: HTML/ HTML5, CSS/CSS3, SASS, JavaScript, JSX, ECMAScript 5/6+, TypeScript, Java.
Debugging tools: Firebug, Bugzilla, Chrome Developer Tools.
Databases: MySQL, MongoDB.
Testing Frameworks/Tools: Jest and Enzyme.
Methodologies: Agile, Scrum, Waterfall.
IDE, Editors: Notepad++, Visual Studio Code, Visual Studio, Eclipse.
Others: Git, GitLab, REST API, AWS (EC2, S3), Google Analytics.

Certifications: Front-End Web Development with React - The Hong Kong University of Science &Technology.
                        HTML, CSS, and JavaScript for Web Developers - John Hopkins University.
                        ISTQB certified for Software testing.

PROFESSIONAL EXPERIENCE

Verizon Wireless, USA.   **July 2020** to **Present**

- Worked on the Verizon Self Optimizing Network (VSON) application as Node.js developer to build various REST APIs.
- Developed complex APIs to make more than 500+ asynchronous requests to DML service for data mapping and ingestion.
- Implemented the functionality for the users to be able to download the large work orders of 2,00,000+ Records.
- Used postman to test the endpoints and test the API response along with the functionality testing.
- Applied optimization techniques to reduce page size and load times to enhance performance of application.
- Collaborated with other developers on GitLab and participated in the code reviews.
- Involved in daily SCRUM meetings to keep track of the on-going project status and issues.
- Worked on developing the complex stored procedures in the MySQL relational database.
- Worked on scheduling cronjobs to send email notifications to users.

- Actively Involved in production support for emergency issues.
- Made extensive use of promises and async/awaits in NodeJS for application control flow.
- Worked on building the python script for fetching the data from mongo and updating them in MySQL with auditing.
- Involved in developing the UI automation scripts for the VSON application using Cypress.
- Used JIRA Tool for keeping track of bugs, Issues, workflow and releases.
- Actively participated and provided feedback in a constructive and insightful manner during weekly iterative review meetings to track the progress for each iterative cycle and figure out the issues

Capgemini Consultancy Services, India.   **Feb 2016** to **Nov 2018**

Client: *State Auto Insurance Company*

- Worked in a team to develop UI layout & Front-end programming for web application to meet client requirements.
- Involved in creating dynamic layouts, navigations & content using Store, Router, Components, Life Cycles in React.
- Successfully implemented ReactJS code to resolve cross browser compatibility issues pertaining to various browsers.
- Involved in consuming RESTful Web services to render the data to the client side of the application.
- Used object-oriented programming concepts to build UI components that can be reused in the Web Application.
- Collaborated with senior level developers on Bitbucket for version controlling and regularly pushed the code to GitHub.
- Worked on implementing the dynamic scroll height of the iframe to take the height as per the availability.
- Worked in a TDD environment by implementing unit test cases for components using Jest and Enzyme.
- Used JIRA as the bug tracking system to track and maintain the history of bugs/issues on everyday basis.
- Received Rising Star Award within one year of joining for significant contribution to the project, demonstrated time management and outstanding organizational skills.

Client: *AXA Equitable*

- Performed CRUD operations on **Automation scripts** in **Selenium Web driver** using **JAVA**.
- Identified the test cases for automation, prepared the test data and executed the automation scripts.
- Experience in Functional, Integration, System, Regression, testing to ensure a defect free application prior to release.
- Worked on **Hybrid Driven framework** that uses Page Objects model, Maven, TestNG & Selenium WebDriver for desktop web application automation, Analyzed the test results, updated them accordingly in JIRA.
- Analyzed the **User Stories** for each Sprint, *Designed Test Scenarios*, *Test Cases* and imported to **JIRA** using Zephyr.

PROJECTS

1. QuizBee

    Developed a Quiz App utilizing components of **ReactJS** by extracting the data from a local API that contains a set of 50 questions stored as JSON data. Based on the user's choice of input the components are conditionally rendered into the UI. The quiz includes five questions and will reveal results based on the answers with opportunity to play again.

2. Finddit

    Created an application for searching articles that gathers data from the ***Reddit API***. As per the user search words the data is fetched from the API using ***AJAX* framework**. The data received is rendered on the screen by using ***Bootstrap 4*** and **jQuery**.

3. Number Facts

    Developed a web application using **HTML5, CSS3, JavaScript** and **Bootstrap 4** that displays the facts based on user input. The get request to an **API** is made by using ***Fetch API*** and the received data is rendered on the screen.

4. Color Guessing Game

    Developed a game using **HTML, CSS** and **JavaScript** wherein player tries to guess the color based on the three numerical values of Red, Green, and Blue - an RGB code. The random method of JavaScript has been used to generate the random color for a different combination of random digits to form an RGB code.