Thirumala Krishna
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Summary

- Experience developing interactive, responsive and high-quality web applications using JavaScript, HTML5, CSS, JSON, Bootstrap and JS frameworks like Angular JS.
- Solid understanding and experience in developing from scratch RESTful web services/API using Node JS and its framework Express JS while using MongoDB for database.
- Experience in integration of user-facing elements with server side logic.
- Extensive knowledge in using, data modelling and storage with NoSQLs using MongoDB according to requirements.
- Extensive knowledge and experience creating real time applications using Sockets.IO library.
- Experience and knowledge of building and maintaining modular, reusable, testable and efficient code.
- Knowledge of quality standards and best practices of web development.
- Excellent documentation skills, along with experience in developing quality documentation for API using NPM packages like apiDocJS.
- Good knowledge and experience in using version control systems like GitHub.
- Experience in deploying developed web applications using AWS suite of services such as EC2.
- Ability to work on minimum supervision, strong communication skills, interpersonal skills and positive learning attitude are some of the many qualities at hand.
- Excellent problem solving and debugging skills.
- Experience working in waterfall model. Knowledge of agile methodology.

Technical Skills

Languages	JavaScript (ES6), HTML, TypeScript
Frontend Technologies	Angular, CSS, Bootstrap
Backend Technologies	REST API, NodeJS, Express JS
Databases	MongoDB, Oracle
Version Controlling	Github
Package Managers	NPM
IDE	Visual Studio Code, Sublime Text, Notepad ++
Operating Systems	Windows, Linux

Projects :

Split Bills Application

Description : This application will help in splitting of amount between a groups of people. The application allows users to create groups and add expenses amongst the group people.

- Application allows users to signup, login and edit user profile, also has a forgot-password option.
- Users can add other users to group and maintain balances of the group by creating, editing, deleting and settling expenses.
- Individual balances of the group as to who owes whom will be visible on the dashboard.
- All updates of the group will be visible to all group user and notifications are real time.
- Hosted on AWS.

Technological Environment: Angular 8, Node JS, Express JS, MongoDB, Sockets.IO, Bootstrap, CSS, AWS, REST API

To-do Manager Application

Description : This application is a to-do manager, that can be used for daily management of todo's a person wants to complete and can be used mostly as a reminder to do stuff they want to. It can be used to manage the list of activities a person wants to do before a due date.

- Application allows users to create a new account by signup and has authentication for login functionality
- It can be used to create a list of activities with different items in each list. It also has the option to add sub-to-do items to a particular list item.
- The application allows people to add friends to see what activities they plan on doing. Adding a friend also allows the user to see the friend's to-do's
- The application also lets the friends to change to-do lists and to-do list-items of a person.
- Only a friend of the user can see the user's to-do's.
- It has real time notifications where all the user's friends get real time notification on any update.

Technological Environment: Angular 8, Node JS, Express JS, MongoDB, Sockets.IO, Bootstrap, CSS, AWS, REST API

MyChat Application

Description : This is a real time chat application where a user can login to the account and chat with any user of the application.

- Application has user management of signup and login functionalities.
- User can see all the users that are currently online and send instant messages in real time.
- Notifications of new messages from other users are also in real time.
- Users can see un-read messages of offline users that were sent to the logged in user.

Technological Environment : Angular 8, Node JS, Express JS, MongoDB, Sockets.IO, Bootstrap, CSS, AWS, REST API

My Blogs Application

Description :

This is an open application where anyone can post blogs to the application. It uses MongoDB as database to save the blog details.

- Anyone can visit the application as it is open.
- All CRUD operations are available for every blog.
- It shows who recently made changes to the blog and who created it.
- It is a single page application.

Technological Environment : Angular 8, Node JS, Express JS, MongoDB, Bootstrap, CSS, AWS, REST API

AllState, Chicago, Illinois

Role : TIBCO Developer

Duration : 10months

Description : All State handles car rental insurance for Enterprise Rent-A-Car, which is one of its huge clients. AllState uses TIBCO as middleware to process various claims that it receives from the front end before sending it to its claims department. As part of upgrade all the engines owned by Integrations were updated from BW 5.9 to 5.12 and some selected critical engines were refactored with proprietary Common Logging Error techniques.

Responsiblities :

- Upgraded than 11 engines from BW 5.9 to 5.12.
- Raise deployment requests on successful testing on dev and IAT environments and check back code to IAT after successful completion of tests.
- Refactored 4 critical engines belonging to the Integrations using the proprietary CLE technique developed by the team.
- Collecting test data from SME as required for testing at various stages.

- Writing unit test cases on SOAP UI for automated testing.
- Making update to design documents and test documents with every update.

Technological Environment : Linux, Windows XP, TIBCO Business Works 5.x, TIBCO EMS 6.x, TIBCO Business Works Administrator 5.x, SOAP, XML, XSD.

Awards

Star Member of Integrations Team
Awarded by : Integrations Team Manager, AllState, Northbrook, Illinois, USA
Date : March-2017

Education:

Degree : Master of Science
College : Texas A&M University, Kingsville, Texas, USA
GPA : 3.5/4

Degree : Bachelor of Technology
College : SVVSN Engineering College, Ongole, AP, India
CGPA : 7.4/10