Reshma Raj

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# Experience

* Self-motivated Senior Software Engineer with 7+ years of Web Software Development experience.
* Experience in working in Scaled Agile development methodology
* Good experience and knowledge on Healthcare System, Media and Entertainment, Airline domains
* Experience in requirement gathering, root cause analysis and implementation documentation.
* Implemented and enhanced features in Web and Desktop applications.
* Skilled in writing unit test cases for code coverage, quality of code and refactoring existing code to meet coding guidelines.
* Proficient in basic concepts of Object-Oriented Programming and SOLID Principles
* Experience in leading and managing multiple projects.

# Skills

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| Operating systems | Windows 11, Windows 10, Windows 8, Mac Os |
| Languages and technologies | C# .Net, Web API, .Net Core, TypeScript, JavaScript, Angular, SQL, Azure Services (Functions, Blob Storage, DevOps), Power Automate, Entity Framework, SPFx, LINQ, AG Grid, React.Js |
| Tools | Visual Studio 2022, Visual Studio 2019, Visual Studio Code, Jet Brains Rider, SonarQube, Azure DevOps, xUnit, Jasmine, Karma, Team City, TFS, DevOps, Jira, Git |
| Databases | SQL Server |

# Work experience

TripStack | Pune | [www.tripstack.com](http://www.tripstack.com)

Senior Software Engineer [Oct. 2023 – Till date]

1. Project name: TripStack API/ Every Flight On Earth

Client: Etraveli Group**,** Domain: Flight CentricTravel Domain

**Project description**:

The TripStack flight booking API provides access to the world's most important Low-Cost-Carriers (LCC), NDC API connections and Virtual Interlining (VI) fares.

## **Roles and responsibilities**:

* Designed and developed common flight booking validator for multiple airlines
* Designed and developed elastic rules and alerting to slack channel for events
* Technical analysis
* Worked on incident and support tasks
* Code reviews and mentoring juniors
* Participated in Event-hackathon for new project Development using – Google Vertex AI-Python-Angular

Cybage Software Pvt. Ltd. | Pune | [www.cybage.com](http://www.cybage.com)

System Analyst [May. 2021 – Sep, 2023]

1. Project name: Red Green (Client Contract Compliance)

Client:GroupM**,** Domain:Media and Entertainment

## **Project description**:

The Red Green project replaces the current red green excel based document and associated manual processes used to provide a distilled version of contracts with GroupM clients. The Red Green excel document highlights what is commercially possible (green) and what are prohibited practices (red) under the business contract including further detailed information in the form of notes for each section or answer to a Red Green contract Question. This project managed to display business contracts for different agencies based on the user permissions configured in the application using AG-grid. Contract summary created and uploaded to azure storage containers for the external users to download from the URL instead of accessing application.

## **Roles and responsibilities**:

* Analysis and new requirements gathering
* Application design and development
* Discuss, plan and breakdown work for new features
* Created the set up for the project on the front-end and the back-end side.
* Lead the team of 7 members in the Project Execution.
* Created Azure AD Authentication process for the front-end and Back-end to secure both the layers.
* Created .Net core API structure DB configuration using Entity Framework.
* Created set up for the SPFX with Angular as front end in the Project.
* Created User Management functionality for the application.
* Implemented AG grid and custom filters on the grid as per the design.
* Worked on API performance improvement tasks.

1. Project name: MCDab

Client:Mediacom, GroupM**,** Domain:Media and Entertainment

**Project description**:

MCDab stands for MediaCom Database. MCDab application is developed for MediaCom agency to store their business data and generate reports. Admin and Contributor are two roles of the application with different authentication levels responsible for storing all the business prospects known as pitches coming for MediaCom and handle all the cycle of that business prospects which are broadly divided into Winning, Losing and Withdrawal of prospects. The system stores all the data using SQL Server and the application is deployed on Office365 SharePoint online. Admin can create reports based on the stored data and find out the Revenues and Billings using different kind of filters on the report pages.

Roles and responsibilities:

* Analysis and new requirements gathering
* Application design and development
* Discuss, plan and breakdown work for new features
* Worked on the new enhancements and features
* Worked on UI–Grid for showing Business data in a tabular format throughout application.
* Implemented Audit Trail functionality for the application
* Worked on MS flows to configure sending notification mails, add/remove users in Azure security groups

1. Project name: Health Monitor

Client:Mediacom, GroupM**,** Domain:Media and Entertainment

## **Project description**:

Health Monitor project is created to check health of the running business on a monthly, quarterly, and yearly basis. The application gets the data in the form of excel files with multiple sheets as per market and clients which are ingested in the azure DB using .Net API Open XML library. The data ingest is used to create the Power BI reports.

## **Roles and responsibilities**:

* Analysis and new requirements gathering
* Application design and development
* Discuss, plan and breakdown work for new features
* Bug fixes and root cause analysis

1. Project name: GroupMKnow

Client:GroupM**,** Domain:Media and Entertainment

## **Project description**:

GroupMKnow is a SharePoint online site for creating and sharing the approved documents, articles across the users of GroupM organization.

## **Roles and responsibilities**:

* Analysis and new requirements gathering
* Setting up, SPFx development environment with React
* Application design and development
* Discuss, plan and breakdown work for new features
* Bug fixes and root cause analysis
* Created Webparts for SharePoint online client-side solution.

**Deutsche Telekom Clinical Solutions India** Pvt. Ltd. | Pune | [www.telekom-healthcare.in](https://www.telekom-healthcare.in/)

Software Engineer [Jan. 2017 – Apr. 2021]

1. Project name: Leistungs Stellen Management (LSM)- IMedOne

Client:IMedOne/ IMedOne-NextGen**,** Domain:Healthcare System

## **Project description**:

IMedOne is an intelligent, multilingual, multi-client product on domain Hospital Information system(HIS) deals with the patient’s Admission-Treatment-Discharge with lot of customer required customization which is available in Desktop, Web(IMedOne-NextGen), Mobile based and currently used in German, SA Hospitals. LSM Team develop and enhances Order and Service Management Module of IMedOne, using C# and Angular involving management of Radiology(X-ray), Laboratory(Blood Test), Therapy, Microbiology tests related to patients.

## **Roles and responsibilities**:

* Analysis and new requirements gathering
* Application design and development
* Discuss, plan and breakdown work for new features
* Bug fixes and root cause analysis
* Written test code and refactor existing codes
* Participating in Program Increment Planning and Requirements Design phase with Product Owners
* Work closely with other staff, such as project managers, other developers, technical analysts and UX/UI Teams
* Demonstrations of new functionalities implemented to the Clients
* Implemented features in LSM and DMS Modules of IMedOne Product.
* Analyzed and learnt medical, legal documents, sites for widening knowledge for new features.

1. Project name: Document Management System (DMS)- IMedOne

Client:IMedOne/ IMedOne-NextGen**,** Domain:Healthcare System

## **Project description**:

DMS Team develop and enhances Documentation Module of IMedOne, using C# and Angular JS involving the all legal and non- legal documentation from patient appointment to discharge letter, test reports related to patients. All legal documents like Personal Emergency Data, Consent to Patient Data based on certain protocols issued by German Health Government are made available for certification. Also, we handled mail communication within hospital infrastructure via KIM Client and KV-Connect Server.

## **Roles and responsibilities**:

* Analysis and new requirements gathering
* Application design and development
* Discuss, plan and breakdown work for new features and understanding the scope well.
* Performance and optimization of written code
* Modified existing programs by analysing and identifying areas of modification

1. Project name: Analytics - IMedOne

Client:IMedOne/ IMedOne-NextGen**,** Domain:Healthcare System

Project description:

Analytics is a module to analyze IIS and application logs. This involves console application to read and extract useful data from logs and web application to show details of Users, Errors, and Domains etc. This also shows lots of trending related information on charts and grids.

## **Roles and responsibilities**:

* Design and development of the application pages

# Academic/professional credentials

## Internship:

* ASP.Net Intern at CIT, Palarivattom, Kerala (2016- 2017)

## Education:

* 2016 – Bachelor of Technology in Computer Science and Engineering (B.Tech), Aryanet Institute of Technology, University Of Calicut, Palakkad, Kerala