Ritesh Narkhede

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Summary

As an IT Professional, I love to learn about new technologies. Well versed with Agile methodology, I am inquisitive about new technologies to work with and gain knowledge to the core to create and build new things. My approach is to help my organization grow and scale to provide new and faster solutions to existing problems. I can work in all team sizes and also individually, taking ownership of the work I do.

Skills

- **Programming:** C#, .NET Core, ASP.NET, RESTful Services

- **Web Technologies:** React, JavaScript, HTML, CSS

- **Database:** Microsoft SQL Server, MongoDB

- **Testing Tools:** Postman, Selenium, Fiddler, JMeter, XUnit, Cucumber, XRay, Chrome Developer Tools

- **Version Control Systems:** Gitlab, BitBucket, GitHub

- **Development Tools:** Visual Studio, JetBrains Rider, VS Code

- **Others:** Microsoft Integration Services, Test Driven Development

- **Applications & Tools:** GitBash, Kibana, Grafana, Jira, Agile/Scrum, Kanban, AppDynamics, ServiceNow, Jenkins, SonarQube, XL Deploy, Octopus Deploy

Work Experience

R1 RCM Global, Noida, India   *Software Engineer*
09/21 - Present

R1 is a leading provider of technology-driven revenue cycle management services to hospital and health systems. As a part of the R1 Team, continuously working on the R1 Work Flow Management and R1 Post product wherein the aim is to manage all the accounts/claims that have issues/denials using WFM and provide efficient Cash Posting Reconciliation solution using R1 Post.

Tripstack, Pune, India   *Software Developer*
06/19 - 09/21

TripStack is a fast-growing B2B Travel Technology company. As a part of the Tripstack Team, continuously working on the Virtual Interlining product wherein the Aim is to Integrate Every Flight On Earth(EFOE) and provide all the airlines using a single API.

Projects

- **Work Flow Management Acute and Physician Business**

  - Experience with SSIS packages to load Retro, ATB, Recon, Update, Invoice, Zero Balance & Valid file and create notes and close file.

  - Optimized stored procedures for performing various activities on accounts and designed new pages in ASP.NET for adding activity codes, facility & users, worklist, daily target, team view, analyst production reports, and showing account details.

Tech Stack: Microsoft SQL Server, Microsoft Integration Services, C#, ASP.NET

– **Account's Notes History Summarization using LLM**

  - Implemented Account Summarization feature in R1-Decision and WFM applications, enhancing operational workflows and generating significant cost savings.
  - Engineered and deployed advanced algorithms for account note filtering and processing, integrated REST APIs, and conducted comprehensive testing for reliability assurance.
  - Achieved a notable 125,000 minutes per week reduction in account review time, leading to an estimated annual cost savings of $560k.
  - Improved operational efficiency, user productivity, and satisfaction. Additionally, introduced date-based navigation for historical account notes.

  Tech Stack: REST API, C, .NET Core, Microsoft SQL Server, Azure.AI.OpenAI Nuget Package

– **Data Archival for Work Flow Management Acute and Physician Business**

  - Led the implementation of data archiving for the Acute and Physician Work Flow Management (WFM) system, optimizing storage utilization and enhancing system efficiency.
  - Identified the inventory and defined data archiving procedures to transfer unused data from production systems to long-term storage, ensuring improved data security and reduced storage costs.
  - Successfully developed SQL procedures and jobs for archival and purging, facilitating easy retrieval of information and compliance with data retention policies.
  - Achieved recognition for implementing configurable archival and purging processes tailored to meet clients' diverse data retention requirements.

  Tech Stack: MS SQL Server, SQL Procedures, Transactions, Jobs, Batching in SQL

– **PHI & PII Data Scrubbing from Lower Environments**

  - Led the initiative to scrub Protected Health Information (PHI) and Personally Identifiable Information (PII) data from lower environments after backups, ensuring compliance with data security regulations.
  - Identified tables and columns containing PHI & PII data, devised a robust approach for data scrubbing, and developed a script to maintain data consistency across tables.
  - Leveraged MS SQL Server along with SQL Procedures and Jobs to implement the scrubbing process effectively.

  Tech Stack: MS SQL Server, SQL Procedures, Transactions, Jobs, Batching in SQL

– **R1 Post**

  - Developed and tested Admin Settings functionality for the user using REST APIs and React Components and Hooks.
  - Worked on functionalities allowing the user with admin role to add category exception, facility, facility group, and facility system through UI.

  Tech Stack: Microsoft SQL Server, Microsoft Integration Services, C#, REST API, React.JS, Entity Framework (EF) Core, .NET Core, Azure AD Authentication, HTML, CSS

– **Web Content Integration**

  - Constantly worked to integrate Public fares of multiple airlines into a single API.
  - Integrated airline APIs including AmericanAirlines, AegeanAir, OlympicAir, EasyJet (NDC SOAP APIs), Ryanair, Spirit, Volaris, and others.

Tech Stack: C#, .NET Core

– **Process Automation for updating the flight booking verification status**

  - Created Slack bots using C# and Slack API methods for updating the flight bookings status and mark whether the given booking is verified successfully on Slack to reduce manual human effort.

  Tech Stack: C#, .NET Core, Slack API

– **Force-list generation for airline routes validation**

  - Developed code for creating and validating YAML of routes for configuration using C#.
  - This project was a part of Inhouse automation of configuration.

  Tech Stack: C#, .NET Core

– **Calendar Project for checking flight fares availability**

  - Developed code in C# for checking flight fare availability on given dates on airline website to optimize cache performance and save Innovata cost.

Languages

English, Hindi, Marathi

Education

– Bachelor of Engineering, Information Technology, 2015 - 2019, Pune University

– Higher Secondary, Maharashtra Board, 2014 - 2015, Pune