CHANDAN KUMAR MAHATO

Sr. Full Stack Developer / . Net team lead

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Experience: 10 years

Summary

Dynamic .NET Team Lead with 10+ years of experience in full-stack development, cloud-based solutions, and DevOps automation. Proven expertise in leading cross-functional teams, modernizing legacy applications, and knowledge of scalable microservices with .NET Core and Azure. Adept at API development, frontend frameworks (React, Angular), and CI/CD pipelines

Technical Skills

 $C\# \mid .NET\ Core \mid .NET\ Frameworks \mid ASP.NET\ MVC \mid Azure \mid REST/WEB\ API \mid Messaging\ Services \mid SQL \mid Window\ Services \mid WCF \mid ASP.NET\ MVC \mid Azure \mid REST/WEB\ API \mid Messaging\ Services \mid SQL \mid Window\ Services \mid WCF \mid AZURE \mid$

 $Microservices \ | \ Event \ Driven \ Architecture \ | \ TDD \ | \ DDD \ | \ PowerShell \ Scripting \ | \ EF \ Core \ | \ RabbitMQ \ | \ MediatRabbitMQ \ |$

FE Development: JavaScript | TypeScript | React | Angular | CSS | HTML

CI/CD: Azure DevOps | Kubernetes | Docker | GitHub | Jenkins |

Testing Frameworks: XUnit, NUnit | Moq

Other: Jira | TFS | Scrum | Security Audit | Selenium | Playwright | PowerShell Scripting

Professional experience

SENIOR FULL STACK DEVELOPER

PRUTECH SOLUTIONS INDIA PVT. LTD- NEW DELHI, INDIA

SEPTEMBER 2023 - PRESENT

- Leading a team of 8 engineers including developers, SQL developer and Tester in the successful development of Web and API centric applications using Microsoft technologies.
- Using AGILE SCRUM methodology to deliver in sprints and Status Meetings, Code Review Meetings.
- Working on Visual Studio/ .NET to implement Business Logic and database logic using Entity Framework,
 Repository Pattern under onion architecture.
- Created RESTFUL services using Web API, built HTTP services and formatted responses using web API media type formatter to JSON.
- Lead team to adhere coding standards/PR reviews and help them in technical challenges.
- Orchestrated a seamless DevOps pipeline, incorporating CI/CD and monitoring applications to streamline deployment processes and minimise downtime.
- Involved in project migrations from .NET framework to .NET Core and re-architect the entire solution.
- Developed user interface by using Html/Html5, CSS, JavaScript, and Angular and React JS.
- Used WCF for database interaction using factory pattern over TCP protocols.
- Engage in team reporting, performance analysis, Monthly and Weekly report, task creation and assignment etc.
- Proactively addressed security concerns by implementing best-in-class cybersecurity measures and compliance standards as per the industry standards.

Technologies

C#, .NET Core, .NET Framework, REST API, Azure (Cloud, DevOps), Jenkins, Docker, SQL Server, TDD, React, GIT, Angular, EF Core, WCF, Visual Studio, Visual Studio Code, jQuery

Projects Undertaken

ARPIT (Accounting & reconciliation portal of Indirect taxes)

SENIOR TECHNICAL LEAD

HCL TECHNOLOGIES-NOIDA (NCR) INDIA

MAY 2021 - AUGUST 2024

- Involved in different phases of SDLC including requirement analysis and architectural design phases of the project using Agile methodologies.
- Used AGILE SCRUM methodology to deliver in sprints and Status Meetings, Code Review Meetings.
- Worked on Visual Studio/ .NET Core Framework to implement Business Logic.
- Coded business logic and database logic using Entity Framework and Repository Pattern using onion Architecture.
- Responsible for implementing the token-based Authorization to the service endpoint.

- Worked on creating new and updated existing CI/CD pipelines.
- Worked on test case creation using typescript and automation framework like selenium, playwright for various modules of MS Teams and Implemented CI/CD pipeline.
- Involved in .Net Project Migration and pipelines migration from classic to YAML.
- Involved in writing common functionality using PowerShell scripts, YAML templates to be used across different pipelines.
- Involved in unit, Integration and System testing and maintaining the application.
- Involved in creating Alerts, ICM tickets, Dashboard based on Automation results using Power BI and Kusto Cluster/Application Insights.
- Developed user interface by using Html/Html5, CSS, JavaScript, and React JS.
- Worked on React JS components, react-router, react-forms, and state management concepts.
- Used C# concepts and features like collections, generics, extensions methods, delegates, Func, action.
- Worked to create common utility project to be used as adapter between CDS and CRM projects.
- Created Azure functions for serverless support to various functionality.
- Involved in various activities in Azure cloud includes subscription, App service, deployment, Networking etc.
- Engage in team reporting, performance analysis, Monthly and Weekly report, task creation and assignment etc.
- Engage in handling both onshore and offshore clients.

Technologies

C#, .NET Core, Event Driven Architecture, REST API, Azure (Analytics, Event Grid, Cosmos DB, DevOps, Blob storage), Microservices, CI/CD, Kubernetes, Docker, SQL Server, TDD, MS Build, Dataverse, TypeScript, React, GIT, Visual Studio, Visual Studio Code

Projects Undertaken

MS Teams (Typescript, Azure DevOps) App Analytics Dashboard (React JS, .NET Core, Azure) PerfSite (React JS, .Net Core, Kusto DB, Azure storage, MS Azure) Common Data Service- MS Dataverse (.Net Core, Azure DevOps) Boxcar-VS extension (React JS)

TEAM LEAD

MINDGATE SOLUTIONS PVT. LTD (DELHI) INDIA

AUG 2015 - MAY 2021

- Worked closely with International Finance Corporation, Public finance Management System, World Bank, Bihar SHSB, National Health Mission (NHM).
- Involved in different phases of SDLC including requirement analysis and architectural design phases of the project using Agile methodologies.
- Played a pivotal role as Senior .NET Full Stack Developer/Tech Lead, writing code in alignment with best coding
- practices.
- Lead a technical team of 4 developers across different applications in Finance industry.
- Involved in application development using Windows Communication Foundation (WCF), Web API, .NET Core, C#, Asp.net, MVC along with front end technology React JS.
- Implemented security, routing, bundle configuration, Filters, selectors, and caching in MVC application.
- Involved in writing front end code and development of presentation layer for an application using angular 4.
- Implemented .Net security features of authentication and authorization
- Interaction with Testing team, Scrum master, Project manager and Business analyst for user story and fixing issue.
- Created/Modified Stored Procedures, Triggers and Views in SQL and effectively used within the application and developed complex SQL queries.
- Used TFS/Azure DevOps as bug tracking system to maintain history of bug/issues.

Technologies

C#, .NET Framework, MVC 5, WCF, WEB API 2, DI, EF, REST API, Azure, CI/CD, Docker, TDD, React, TFS, Visual Studio, Visual Studio Code, RDLC, MS SQL, Burp Suite, Window Services, Angular, React

Projects Undertaken

Prakalp

- Flexi Payment Management System
- Asha Claim Management

- Activity Tracking management Module
- Public Financial Management System- Health Module
 Health Module Excel Upload

ASHA/Mother Mobile App

SENIOR SOFTWARE DEVELOPER VELOCIS SYSTEM PVT. LTD (DELHI) INDIA

MARCH 2015 - AUGUST 2015

- Involved in the Code, Procedure development, Bank integration, Application Integration of Bharatkosh/NTRP modules using Visual Studio 2013, ASP.NET, WCF, WEB Services, jQuery, and CSS on TFS environment.
- Created database tables and wrote SQL Queries and stored procedures to create complex join tables and to perform CRUD operations.
- Designed, developed SOA Web Services using Restful API with .NET, C#.NET and Hosted on IIS and Unit tested with MS Unit Framework, C#.
- Developed web forms with ASP.NET Custom Controls, Web User Controls and used ASP.NET Validation controls and custom validates to validate the user inputs.
- Engaged in daily status call.
- Involved in Unit testing, Debugging, Execution of test cases and bug fixing.

Technologies

C#, .NET Framework, WCF, AJAX, RDL, ASP.NET, TFS, Visual Studio, Visual Studio Code, RDLC, MS SQL, Window Services, Angular, React

Projects Undertaken

Bharatkosh (Non-Tax Receipts portal)

Earlier career

Software Engineer- Espire Infolabs Pvt. Ltd (Delhi/NCR) India **Associate Dot Net Consultant**- CorporateServe Solutions Pvt. Ltd.

March 2014 - February 2015 May 2013 - March 2014

Education

Master of Computer Application from Jaipur National University (**Distance**) in 2016. B.Sc. (IT). from Kuvempu University (Distance) of Mumbai in 2010

Conferences/awards/certificates

- Excellence Award -Mindgate Solutions Pvt Ltd
- Award of Excellence by CBIC (Central Board of Indirect tax, govt of India)State & federal tax codes
- Best performer 2021-HCL Tech
- Best performer 2024-Pru Tech

Personal information

Nationality Indian

Hobbies Reading articles, Writing, Playing football, Internet surfing etc.

Passport Details R4505440