

SATYA TRIPATHI

FULL STACK DEVELOPER

Seasoned software developer with more than 5 years of experience. Committed to providing high-level solutions that drive business and provide outstanding cost efficiency. Specializes in problem identification and proposal of alternative solutions. Highly organized, performance-oriented and customer-driven.

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KEY SKILLS

Back End

- C#, ASP.Net Core WebAPI
- ASP.Net Core MVC, .Net Core 6.x.
- .NET Framework 4.x, EF Core
- xUnit, Specflow, Robot Framework
- Linq, NuGet Packaging

Software Development Process

- Agile Software Development
- TDD, Agile, Jira
- Microservices, Design Pattern, 12 Factor App
- OOP, SOLID principles, Malware Analysis
- Exploit Research, Vulnerability Assessment

Front End

- Angular 2+, AngularJS, JavaScript
- HTML 5, CSS, Bootstrap
- React.Js, jQuery

Databases

- CRUD, EF, MS SQL Server, MongoDB
- AWS Aurora, MySQL
- T-SQL

CERTIFICATION

- Microsoft Certified Azure Fundamentals
- Microsoft Certified Azure Developer Associate

DevOps

- Bamboo, Bitbucket, Veracode, Docker
- SonarQube, Azure, AWS

WORK HISTORY

Senior Software Engineer

Experian

04/2020 – Present

Hyderabad, India

Project: - Experian Data Accuracy Platform

- It's a product to streamline data management for financial institutions, handling operations, compliance, quality, and reporting from multiple sources.
- Developing new product features for the high-volume web application applying knowledge of .NET Core 3.1 and .Net Core 6. As a result, 32 bugs-free releases have been deployed just-in-time.
- Developing, design and implementation of the new API endpoints as a part of high-volume single page application, that provided critical connectivity channel for distributed functionality and increase system cohesion keeping manageable code complexity in microservices architecture.
- Performing unit (xUnit) & load testing for the critical online service utilizing Robot and mocking Framework eliminating system's failure rate by 89%.
- Resolved technical problems relating to the business-critical customers-facing portal resulting in system performance and scalability improvements.
- Designing and documenting the migration approach for legacy applications from traditional servers to AWS.

Systems Engineer

Infosys Limited

02/2018 – 04/2020

Hyderabad, India

Client: - Charles Schwab

Project: - Mutual Fund Trading Platform

- It's modernization project under Mutual Funds Trading Platform that empowers fund managers to create and efficiently manage mutual funds.
- Developed and deployed web applications on Azure cloud platform using .NET Core.
- Designed and implemented scalable and secure cloud solutions using Azure services such as Azure Functions, Azure App Service, and Azure SQL Database.
- Implemented dependency injection design pattern for building loosely coupled system
- Design and configuration of the fully automated CI/CD life cycle for the high-volume online service decreasing time-to-market cycle and improving deployments confidentiality
- Provided database connectivity using Entity Framework Core, LINQ, designed stored procedures at the back end
- Creating and deploying cloud-native applications using Azure's platform as a service (PaaS) offering, such as Azure App Service and Azure Functions, to provide scalable and highly available services to users.
- Conducted performance testing and optimization of cloud-based applications to ensure high availability and reliability.
- Collaborated with cross-functional teams to ensure seamless integration of cloud-based applications with on-premises systems.
- Maintained and updated documentation for cloud-based applications and processes to ensure knowledge transfer and future reference.

EDUCATION

- B. Tech (Computer Science with Specialization in Cloud Computing)
Galgotias University (2014 – 2018)

ACHIEVEMENTS

- Won 4 Experian Product Hackathons by designing and implementing robust solutions and showcasing product innovation skills
- Received 9 Experian Spot Award on different occasions for showcasing better collaboration with different stakeholders of product for the release
- Awarded with Infosys Insta Award 4 times in row for excellence in DevOps Implementation, High quality deliverable and organizing town hall sessions for the client
- Awarded with Rising Star Award for excellence in professional as well as organizational activities
- Published Paper in IEEE on "Study on secured framework for cloud based online banking"

STRENGTH

- Strong Work Ethics
- Quick Learning Ability
- Innovation Skills
- Problem Solving