

# SATYA TRIPATHI

# FULL STACK DEVELOPER

Seasoned software developer with more than 6 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.

**Phone:** +91-9654151898  
**Email:** [satya06.official@gmail.com](mailto:satya06.official@gmail.com)  
**Portfolio:** [satya-tripathi.github.io](https://satya-tripathi.github.io)  
**LinkedIn:** [satya-tripathi](https://www.linkedin.com/in/satya-tripathi)  
**Github:** [satya-tripathi](https://github.com/satya-tripathi)

## KEY SKILLS

### Back End

- C#, ASP.Net Core Web API 2
- ASP.Net Core MVC, .Net Core 6.x.
- xUnit, NUnit, Specflow
- Nest.js, Express.js, Node.js v20.x
- LINQ, NuGet Packaging

### Software Development Process

- Agile Software Development
- TDD, Agile, Jira
- Microservices, Design Pattern, 12 Factor App
- OOP, SOLID principles, SDLC
- VS Code, Visual Studio, Docker

### Front End

- React.Js, TypeScript, JavaScript
- HTML 5, CSS, Bootstrap
- JavaScript/ES6, RESTful API
- Angular 2+, jQuery

### Databases

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

### CERTIFICATION

- Microsoft Certified Azure Fundamentals
- Microsoft Certified Azure Developer Associate

### DevOps

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

## WORK HISTORY

### Senior Software Engineer

Experian

04/2020 – Present

Hyderabad, India

- Developing new product features for the high-volume web application applying knowledge of .NET 6. As a result, 34 bugs-free releases have been deployed just-in-time.
- Creating mature, unambiguous coding standards resulting in overall code base unification and maintainability.
- Performing unit & load testing for the critical online service utilizing XUnit 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.
- Improving product aesthetic and UX of the business-critical progressive web application, resulting in 73% CHI (Customers Happiness Index) increase.
- Documenting solution architecture for the mission-critical online service resulting in system's scalability improvements and reducing the cost of development by 37%.

### Systems Engineer

Infosys Limited

02/2018 – 04/2020

Hyderabad, India

- Developed and deployed web applications on Azure cloud platform using .NET Core 3.1.
- 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.
- Integrating with third-party services and external APIs as a part of implementation of the critical web application adopting an improved way mitigating the code duplicity by 49%.
- 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.

## PROJECTS

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### Experian – Data Accuracy Platform

Full Stack Developer (.Net 6, React & AWS)

- It's a product that streamlines Experian's data management by efficiently managing operations, ensuring compliance, maintaining quality, and reporting from diverse sources.
- It's deployed in tailored versions for Experian's Credit Bureaus in the US, UK, Australia, and India with ~43'000 MAU.

### Experian – Client Onboarding and Billing Management

Full Stack Developer (Nest.js, React & AWS)

- It's a product designed to enhance the process of onboarding and managing Client while ensuring compliance with regulatory checks and risk mitigation.
- Developed with AI integration on Nest.js, React, and AWS, significantly cutting down development and deployment timelines by a factor of 10.

### Charles Schwab – Mutual Fund Trading Platform

Backend Developer (.Net 3.1 & Azure)

- It's modernization project under Mutual Funds Trading Platform that empowers fund managers to create and efficiently manage mutual funds.
- Enhanced user experience by integrating various third-party services and external APIs to offer fund comparisons and ratings.

## EDUCATION

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- B. Tech (Computer Science with Specialization in Cloud Computing)  
Galgotias University (2014 – 2018) CGPA: - 8.49

## ACHIEVEMENTS

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- 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 Rising Star Award for excellence in professionalism and 4 Infosys Insta Award in row for excellence in High quality deliverable and Learning and Adopting new technologies
- Published Paper in IEEE on "Study on secured framework for cloud based online banking"