Sandesh Singh

Backend Software Devloper *|* TCS

# Education

**Thakur College of Engineering and Technology August 2018 – May 2022**

*Bachelor of Engineering and Technology Mumbai, Maharashtra*

**Adarsh Education Society August 2016 – May 2018**

*Higher Secondary Mumbai, Maharashtra*

# Experience

**Tata Consultancy Services July 2022 – Present**

*Backend Software Devloper Mumbai, Maharashtra*

* Successfully developed, tested, and deployed software applications using the .NET programming language, ensuring high-quality releases with a focus on performance and scalability.
* Currently working with an Agile Scrum team, building infrastructure that adapts to the evolving needs of customers, leading to a 20 improvement in team efficiency.
* Collaborated effectively with internal teams to design robust software architecture, write clean, scalable code, and provide technical support, resulting in a 30 reduction in system downtimes.
* Interacted with clients to gather, freeze, and document requirements, which led to a 25 faster project initiation time..

# Projects

**AllCargo Logistics** *| .NET , Entity Framework , MS SQL* **July 2022 – Present**

* Implemented a new application feature that was adopted by 80% of the user base within the first three months of release.
* Built, tested, and deployed scalable, highly available, and modular software applications using ASP.NET Core, ASP.NET Core MVC, HTML/CSS, Entity Framework, LINQ, C#, and SQL Server.
* Customized RESTful web services by sending JSON data packets between the frontend, middle tier, and controller.
* Utilized AJAX and JSON to develop web applications with a modern, responsive UI.
* Developed web services and APIs using ASP.NET and WCF.
* Developed unit tests to ensure software quality and stability.

**ECU 360** *| AWS, C, .Net , Web API* **March 2023 – July 2023**

* Conducted a Proof of Concept (POC) to convert clients VB.NET windows application to C and used .Net core, Entity framework and LINQ technologies.
* Planned, developed, tested, deployed, and maintained web applications..
* Successfully communicated with the client to gather more in-depth information about the assignment requirements.
* Created Web API and consumed it with a .Net Core MVC design pattern.
* Used AWS Database Migration Service (DMS) and Schema Conversion Tool (SCT) to migrate the existing MS SQL database to Postgres SQL database.

# Technical Skills

**Front End**: HTML, CSS, JavaScript, MVC design Pattern. **Backend**: Dot Net core, Entity Framework, Dapper, VB.net. **Database**: MS SQL, Postgres SQL

# Certifications

* AWS Certified Solutions Architect Associate
* AWS Certified Cloud Practitioner
* Entity Framework Core – The Complete Guide (.NET Core 5)
* ASP.NET Core Web API

# Blog Writing / Extracurricular

* [How to Call a Stored Procedure Using Entity Framework in .NET Core](https://www.linkedin.com/posts/singh-sandesh-07a1b2205_entityframework-dotnet-devcommunity-activity-7231712725553352704-XkMr?utm_source=share&utm_medium=member_desktop)
* [Crypto-Currency](https://www.tothenew.com/blog/migrating-to-aws-graviton-unlocking-cost-savings-performance-and-efficiency/)