

SANDESH SINGH

Backend Software Developer | TCS

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Education

Thakur College of Engineering and Technology

Bachelor of Engineering and Technology

August 2018 – May 2022

Mumbai, Maharashtra

Adarsh Education Society

Higher Secondary

August 2016 – May 2018

Mumbai, Maharashtra

Experience

Tata Consultancy Services

Backend Software Developer

July 2022 – Present

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
- Crypto-Currency