# Tejas S. Jawalkar
**Software Engineer**

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## Summary

Dynamic and versatile Full Stack Developer with a robust skill set encompassing C#, ASP.NET, MVC, .NET Core MVC, .Net Core Web API, JavaScript frameworks (Angular, ReactJS, ExpressJS), SQL Server, and MongoDB. Collaborative problem-solver driven by innovation and dedicated to continuously enhancing skills. Strong analytical, communication, and teamwork abilities, allowing for quick adaptation to new environments. Eager to contribute to team success and further develop professional skills. Positive attitude and commitment to continuous learning and growth bring valuable assets to any organization.

## Technical Proficiency

- ✓ **Programming Languages:** C#, .NET Core, C++, Linq, C, JavaScript, Data Structure and Algorithm.
- ✓ **Frameworks & Tools:** ASP.NET Core, MVC, Web API, Entity Framework, Angular (16+), Bootstrap, HTML5, CSS3.
- ✓ **Database Management:** MS SQL Server (stored procedures, optimization), MongoDB.
- ✓ **Web Services:** JSON, REST.
- ✓ **Reporting Tools:** PowerPoint, Excel (VLookup).
- ✓ **Testing:** Unit Testing (Manual Test Cases and Testing), Mock Testing, Integration Testing.
- ✓ **Version Control and Methodologies:** Git, Bitbucket, Agile, SOLID Principles, Repository Pattern
- ✓ **Collaboration Tools:** Practical Knowledge of Jira and expertise in Git, Bitbucket.

## Responsibility

- ✓ **Technical**: Coding, Database designing, Reporting, Deployment, Support work, Unit Testing.
- ✓ **Office**: Documentation, Team work, Client Interaction, Requirement Gathering, Team Management.

## Professional Experience

### Software Engineer
**Splashgain Technologies Solutions Pvt. Ltd. |** August 2022 – June 2024

- ✓ Designed and developed reusable front-end components using **ASP.NET** and **.NET Core**, ensuring responsiveness and cross-browser compatibility. Engineered **RESTful APIs** to support dynamic applications, optimizing data exchange efficiency.
- ✓ Identified and resolved complex software issues through advanced troubleshooting and debugging techniques.
- ✓ Actively contributed to **Agile ceremonies** like sprint planning and retrospectives, ensuring iterative and collaborative development.
- ✓ Enhanced system performance by optimizing database interactions using **Entity Framework / Dapper** and improving query efficiency.
- ✓ Integrated APIs with **Angular (v16)** for a seamless front-end and back-end experience, ensuring robust functionality and performed **Integration Testing** and authored comprehensive test cases to ensure system reliability.
- ✓ Successfully managed **deployment processes**, delivering production-ready applications with minimal downtime.

### Software Engineer Intern (Full-Time Trainee)
**Splashgain Technologies Solutions Pvt. Ltd. |** January 2022 – July 2022

- ✓ **Collaborated** with the development team to design and implement core features for web applications using **.NET Core** and **C#**, while optimizing **SQL queries** to enhance database performance and improve data retrieval times.
- ✓ **Assisted** in creating **RESTful APIs** to support dynamic front-end requirements, and conducted **unit testing** to ensure code reliability and efficiency.
- ✓ **Participated** in **Agile sprints**, actively contributing to sprint planning, daily stand-ups, and retrospectives to ensure smooth project progression.
- ✓ **Documented, troubleshot, and debugged** critical issues, reducing resolution time by 40%, thereby improving overall system performance.

## Education

- ✓ **Master of Computer Application (MCA)**
  **Punyashlok Ahilyadevi Holkar Solapur University, Solapur.**          **(2019-2022)**
- ✓ **Bachelor of Computer Application (BCA)**
  **Hirachand Nemchand College of Management, Solapur.**          **(2016-2019)**

## Project Details

### Product (Splashgain Technology Solutions) Module-I

### Product Title: ePravesh, MHT CET Agriculture (Admission & Merit System):

**Responsibilities**

- ✓ Spearheaded the development of REST APIs, integrated dynamic UI elements with Angular Material.
- ✓ Optimized performance to handle high-volume admissions data, improving load times by 35%.
- ✓ Analyzed admission data for student profiles region and other statistics, Cross DB Connection.

### Product (Splashgain Technology Solutions) Module-II

### Product Module Title: ERP (Skill Development Center Management System).

**Responsibilities:**

- ✓ Designed relational databases, wrote complex SQL queries, implemented unit testing, and enhanced system performance. Analysis, Planning and Coding, Technical Support, resulting in an 80% reduction in data processing time.
- ✓ Client Interaction, Requirement Gathering, Performance Optimization, Migrating Changes.
- ✓ Summarizing Application History and payment History, Seat Allocation, Course Creation, Center Login Creation.
- ✓ Additionally, implemented features for center login, enabling tasks such as inputting practical and internal marks, generating exam forms and admit cards for individual and bulk student processing.
- ✓ Designed a module for creating timetables, assigning exam centers to students, facilitating timetable downloads, and
  result generation using HTML and other reporting Tools.
- ✓ Managing attendance, and administering result generation, resulting in an 90% reduction in data processing time and 100% manual work.

### Product (Splashgain Technology Solutions) Module-III

### Product Module Title: Photocopy and Revaluation System.

**Responsibilities:**

- ✓ Used Web APIs for data handling, optimized database operations, and performed regular client interactions for data reporting and process management, Technical Support, resulting in a 90% reduction in data processing time.
- ✓ Photocopy and Revaluation Process Management, Assigning Photocopies, Assigning to Revaluation Process.
- ✓ Exporting the data day by day and sharing with client, Client Interaction, Requirement Gathering.
- ✓ Performance Optimization, Migrating Change, Summarizing Application History and payment History.
- ✓ Utilized APIs to fetch data from disparate databases, effectively linking two distinct databases within a single project environment.

### Languages

- ✓ **English:** Professional Proficiency
- ✓ **Hindi & Marathi:** Native Proficiency

### Certification

- ✓ [Building Modern Projects with React](Building Modern Projects with React) (LinkedIn)
- ✓ [Git Essential Training](Git Essential Training) (LinkedIn)
- ✓ [Learning ASP.NET Core MVC](Learning ASP.NET Core MVC) (LinkedIn)

### Other Projects

- ✓ **Clinic Management (Desktop Application)**

  - • Successfully delivered an end-to-end clinic management system as a freelance project, demonstrating versatility across project types and platforms.