

# Tejas Jawalkar

.NET | Angular | Crystal Report Developer

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## 💼 Professional Summary

**Full Stack Developer** with over **3+ years of experience** in designing, developing, and maintaining **enterprise-grade web applications** using **.NET Core, Angular, SQL Server, and Oracle**. Strong expertise in **reporting tools (Crystal Report, Stimulsoft)** and **Agile methodologies**. Skilled in **end-to-end software development**, system optimization, and performance tuning with a focus on **user experience, scalability, and code quality**. Passionate about learning emerging technologies and implementing efficient, modern software solutions.

## ⌚ Technical Skills

- ✓ **Programming Languages:**  
C#, .NET Core, C++, C, JavaScript, LINQ, Data Structures and Algorithms.
- ✓ **Frameworks & Libraries:**  
ASP.NET Core, MVC, Web API, Entity Framework, Angular (v16+), AngularJS.
- ✓ **Database Management:**  
MS SQL Server (Stored Procedures, Query Optimization), Oracle SQL.
- ✓ **Web Services & Data Formats:**  
RESTful APIs, JSON.
- ✓ **Reporting Tools:**  
Microsoft Excel (VLOOKUP), Microsoft PowerPoint, Stimulsoft, Crystal Report, SSRS (SQL Server Reporting Services).
- ✓ **Testing & QA:**  
Unit Testing (Manual Test Cases), Mock Testing, Integration Testing.  
Testing Tools: Jasmine, Karma, Istanbul
- ✓ **Version Control & Methodologies:**  
Git, Bitbucket, SOLID Principles, Repository Pattern, Agile (Scrum), VSTS TFS.

## 💼 Professional Experience

### .Net Developer (.Net + AngularJS + Crystal Report Developer)

**Brainlines Solutions (Client: - Deutsche Telecom Clinical Solutions).** | January 2025 – Present

- ✓ Developed and maintained **healthcare modules** using **.NET Core, C#, Web API, and Oracle** backend.
- ✓ Built **responsive AngularJS front-end components** with TypeScript for real-time data visualization.
- ✓ **Designed and integrated Crystal Reports** for generating dynamic, customizable reports.
- ✓ Conducted **production log analysis** to identify and resolve real-time issues, improving stability and uptime.
- ✓ Performed **SQL Query Optimization** and fine-tuned **Execution Plans** to enhance system response time.
- ✓ Validated APIs through **Postman**, ensuring accurate and secure communication between services.
- ✓ Performed **API validation and testing using Postman**, ensuring secure and efficient endpoints.
- ✓ Utilized **POCO Generator tools** to automate entity class creation for faster development.
- ✓ Collaboration with Product Owner, QA, and module teams for detailed requirement analysis and sprint planning.
- ✓ Conducted **Static Code Analysis via SonarQube**, enhancing code quality and maintainability.
- ✓ Collaborated across teams for **deployment configuration** and environment setup.
- ✓ Participated in **Scaled Agile sprint planning** and estimations via **Planning Poker**.

### 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 system** 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.
- ✓ 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, troubleshoot, 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 a 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.

## Product (Brainlines Solutions (Client: - Deutsche Telecom Clinical Solutions)) Module-I

### Product Module Title: iMedOne Healthcare System.

#### Responsibilities:

- ✓ Developed new functionality and enhanced existing functionality in a healthcare application, aligning features with domain requirements.
- ✓ Built responsive UI components in AngularJS with TypeScript to improve usability and ensure real-time data updates.
- ✓ Integrated backend APIs with Oracle databases, ensuring secure and efficient data handling.
- ✓ Resolved bugs and optimized application performance, improving system reliability for end-users.
- ✓ Designed and implemented dynamic Crystal Reports to generate customizable reports based on business requirements.
- ✓ Wrote and optimized complex SQL queries for efficient data retrieval, manipulation, and analysis, reducing execution time significantly.

#### Languages

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

#### Certification

- ✓ [Building Modern Projects with React](#) (LinkedIn)
- ✓ [Git Essential Training](#) (LinkedIn)
- ✓ [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.