

# Tejas Jawalkar

Full Stack Developer | .Net Developer

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## Professional Summary

**Full stack .Net Developer** with over **3+ years of experience** in designing, developing, and maintaining **enterprise- grade web applications** using **ASP.NET, .NET Core, C#, 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.

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## Technical Skills

### Programming & Frameworks:

C#, ASP.NET Core, ASP.NET MVC, Web API, ASP.NET Web Forms, Desktop Application Development (WinForms/WPF), Blazor

### Frontend Technologies:

Angular, AngularJS, JavaScript, TypeScript, HTML, CSS, Bootstrap.

### Databases & ORM Technologies:

SQL Server, Oracle SQL, Entity Framework, Dapper, LINQ.

### API & Integration:

RESTful APIs, JSON,

### Version Control, Dev Tools & Code Quality:

Postman, Git, Bitbucket, TFS, SonarQube.

### Testing & Debugging:

API Testing, Integration Testing, Debugging, Log Analysis, Static Code Analysis.

### Reporting & Methodologies:

Crystal Reports, Stimulsoft Agile Scrum, SOLID Principles, Repository Pattern.

### Environment & Platforms:

VDI.

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## Professional Experience

### Dot Net Developer

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

- Developed and maintained **enterprise healthcare modules** using **.NET Core, C#, Web API**, and **Oracle** backend, supporting business-critical workflows.
- Designed and implemented **responsive AngularJS components with TypeScript** to enable real-time data visualization and improved user experience.
- Designed and integrated Crystal Reports** to deliver dynamic, customizable business and operational reports.
- Performed **production log analysis & debugging** to identify root cause and resolve real-time application issues, improving stability and uptime.
- Analyzed and optimized **SQL Query** and **Execution Plans** to enhance system response time.
- Validated and tested RESTful APIs using **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**, enhancing code quality and maintainability.
  - Coordinated with infrastructure and development teams for **deployment configuration** and environment setup.
  - Participated in **Scaled Agile sprint planning** and estimations via **Planning Poker**.
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## Software Engineer

**Splashgain Technologies Solutions Pvt. Ltd.** | Aug 2022 – Jun 2024

- Designed and developed reusable front-end components and **RESTful APIs** using **.NET Core** and **Angular**.
  - Analyzed application issues, evaluated solution options, and implemented improvements aligned with business and system processes.
  - 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.
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## Software Engineer Intern (Full-Time Trainee)

**Splashgain Technologies Solutions Pvt. Ltd.** | Jan 2022 – Jul 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, troubleshooted, and debugged** critical issues, reducing resolution time by 40%, thereby improving overall system performance.
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## Key Project

### 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.
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## 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.

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## Product (Splashgain Technology Solutions) Module-III

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

#### Responsibilities:

- **Assisted** in creating **RESTful APIs** to support dynamic front-end requirements, and conducted **unit testing** to ensure code reliability and efficiency.
- 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.

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## 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.
  - Developed Angular components using TypeScript to enhance usability and real-time 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.
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## Education

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

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

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- **English:** Professional Proficiency
  - **Hindi:** Proficiency
  - **Marathi:** Native Proficiency
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## Other Projects (Freelance / Self-Learning)

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### Clinic Management (Desktop Application) - Freelance Project.

- Delivered an end-to-end **clinic management desktop application**, covering patient records, appointments, billing, and reporting.
- Designed and implemented application features using **C# and .NET**, with a relational database backend.
- Performed requirement gathering, development, testing, and delivery independently.
- Provided post-deployment support and enhancements based on client feedback.

**Technologies:** C#, .NET, SQL Server, Reporting

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### Database Script Executor – Windows Desktop Application - Self-Practice Project.

- Designed and developed a **Windows desktop application** to execute SQL scripts across multiple database environments.
- Implemented **script batching, execution tracking, and error handling** to ensure controlled and reliable execution.
- Added **logging and execution history** to support debugging, auditability, and analysis.
- Built configurable **database connection profiles** for flexible environment management.
- Applied clean architecture principles and design patterns to improve maintainability.

**Technologies:** C#, .NET (WinForms/WPF), SQL Server, Entity Framework, LINQ

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