Tejas Jawalkar
Full Stack 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 Skill

C#, ASP.NET Core, MVC, Web API, Angular, AngularJS, JavaScript, LINQ, SQL Server, Oracle SQL, RESTful APIs, Entity Framework, Crystal Reports, Stimulsoft, Git, Bitbucket, SOLID, Repository Pattern, Agile Scrum, TFS, VDI, Citrix, Postman, SonarQube, JSON, TypeScript.

Professional Experience

.Net Developer

Brainlines Solutions (Client: - Deutsche Telecom Clinical Solutions). | Jan 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**, 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. | Aug 2022 – Jun 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. | 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, 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 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:** Proficiency
- **Marathi:** Native Proficiency

Certificates

- 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.