Tejas S. Jawalkar
Software Engineer

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Profile: Profile

Summary

Innovative and results-driven Software Engineer with over 2 years of professional experience in software development, client reporting, and workflow optimization. Proficient in MS SQL Server, .NET technologies, and modern front-end frameworks. Adept at designing scalable systems, automating workflows, and developing solutions aligned with business needs. Skilled in Agile methodologies, stakeholder management, and end-to-end project delivery.

Technical Proficiency

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

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.
- ✓ 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#. Developed and optimized SQL queries to enhance database performance, improving data retrieval.
- ✓ Assisted in creating RESTful APIs to support dynamic front-end requirements, conducted unit testing to ensure the reliability and efficiency of the application code.
- ✓ Participated in Agile sprints, contributing to sprint planning, daily stand-ups, and retrospectives.
- ✓ Troubleshot and debugged critical issues, reducing resolution time by 40%.

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%.

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 a 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.

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.

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.