

Aashutosh Dhungana

Software Engineer (.NET Full Stack)

Summary

Results-driven Software Engineer with over 2 years of experience in developing innovative, scalable applications using .NET Core, React, and SQL Server. Proven track record in delivering high-impact projects such as an Asset Management System and a Claim Negotiation Management software, resulting in significant performance improvements. Adept at working in agile environments and eager to contribute technical expertise to a forward-thinking technology company.

Experience

Software Engineer, Spiralogics, Inc

April 2023 – Present (1 year 5 months)

- **Developed** a sophisticated **Claim Negotiation Management** software using React, Redux, .NET Core API, and SQL Server, with real-time communication facilitated by SignalR and an advanced UI built with DevExtreme. Integrated key features such as in-app notifications, complex access control, and comprehensive reporting capabilities.
- **Enhanced** an existing **ERP system** by integrating CRM, employee, and sales management modules. Leveraged expertise in Azure AD authentication and Microsoft Graph API to ensure seamless and secure user management across platforms.
- **Optimized** the performance of an **Asset Management** application by stabilizing the codebase, resolving critical issues, and adding new modules focused on asset security validation.
- **Refactored** the asset management system, making it more maintainable and efficient by implementing asynchronous code and adhering to best coding practices. These improvements reduced system response times by 50%, significantly enhancing overall system performance.

Junior .NET Developer, DgHub

Jul 2022 – Mar 2023 (9 months)

- **Developed and maintained** cutting-edge fintech web applications using ASP.NET MVC, ASP.NET API, .NET 6, C#, and SQL Server, ensuring robust and scalable solutions tailored to industry needs.
- **Engineered and supported** a secure and efficient **wallet customer API**, ensuring seamless integration and reliable transaction processing across multiple platforms.
- **Assisted** in the strategic migration of legacy codebases to **.NET 6**, optimizing application performance and future-proofing the system for ongoing enhancements.
- **Acquired expertise** in key areas such as documentation, API versioning, rate limiting, REST API best practices, encryption techniques, SOAP requests, and rigorous testing using Postman, contributing to the development of secure and high-performance applications

NET Intern, Janata Tech

Dec 2021 – Apr 2022 (5 months)

- **Gained practical experience** in software development practices and methodologies, contributing to real-world projects in a fast-paced environment.

- **Contributed** to the development and enhancement of **CMS** and **Ride Sharing** projects, working on both backend and frontend components.
- **Assisted** in identifying and fixing bugs, as well as implementing new features, improving overall project functionality and user experience.
- **Developed expertise** in key technologies, including **Entity Framework**, **Identity**, **jQuery**, and **ASP.NET MVC**, laying a solid foundation for a career in software development.

Technical Skills

Backend Technologies:

- NET Core MVC
- .NET Core API
- SignalR
- Microsoft Graph API
- Firebase Notifications
- Entity Framework
- Identity Server
- Hangfire
- AzureAd
- LINQ

Frontend Technologies:

- React.js
- Redux
- jQuery
- Tailwind
- Bootstrap
- DevExtreme

Database Technologies:

- SQL Server
- MySQL
- Entity Framework
- Dapper

Additional Tools:

- Azure Boards
- Git

Core Competencies

- Problem solver
- Clean Coder
- Agile expert
- Communicator
- Team player
- Versatile

Education

2018 - 2023 BSc. CSIT, Tribhuvan University

Awards

Initiator Award at Spiralogs, Inc