Dwarkesh Vajjala

Immediate Joiner

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PROFESSIONAL SUMMARY

Experienced Full Stack Backend Developer with over **2.8 years** of expertise in .NET Core and ASP.NET Web API. Proven track record in developing scalable APIs, database optimization, and cloud integration with Azure and AWS. Strong experience across different project domains.

PROFESSIONAL EXPERIENCE

Software Engineer II — Full Stack Backend Developer   *Feb 2023 – Present*
Binary Republik

- Developed and maintained scalable RESTful APIs using .NET Core and ASP.NET Web API, Azure Function, console applications, and WPF applications across .NET versions 4, 6, and 8 (LTS versions)
- Designed and implemented secure authentication using IdentityServer4, JWT, and OAuth 2.0, supporting both legacy migration and new project builds
- Optimized SQL Server performance through stored procedures and complex queries, reducing page load times by 40%
- Integrated third-party APIs including Microsoft Graph, SharePoint, LinkedIn, and OpenAI for enhanced functionality
- Deployed applications across staging, UAT, and production environments with manual configuration on VM infrastructure
- Created dynamic data visualization dashboards using Chart.js, D3.js, DataTables, and FFmpeg to deliver real-time analytics and enhance overall user experience.

UI/UX Developer   *Aug 2022 – Feb 2023*
Minute Creative

KEY PROJECTS

Healthcare Management System

- Developed and maintained a U.S.-based eye-care application (legacy and new version) for AMD detection and post-surgical patient care using .NET Core, React.js, SQL Server, and AWS.
- Optimized stored procedures and SQL queries, resulting in a 40% improvement in overall system performance.
- Built a secure role based patient portal with integrated AWS S3 data storage and interactive visualizations for real-time health monitoring across multiple regional clinics.

HRMS Platform

- Developed a complete HR management system using .NET Core Web API, Azure Function Apps, SQL Server, and Azure SDK to streamline employee lifecycle processes
- Built end-to-end modules for hiring, employee records, leave tracking, timesheet management, and automated monthly HR reporting with Power BI
- Successfully migrated legacy SharePoint data to SQL Server, enhancing data integrity and improving query performance by 50%

TECHNICAL SKILLS

- **Backend Development:** .NET Framework 4.8, .NET Core 6/7/8, ASP.NET Core Web API, C#, RESTful APIs, Microservices
- **Frontend Technologies:** Angular, TypeScript, JavaScript, HTML5, CSS3, jQuery, AJAX
- **Database:** Microsoft SQL Server 2012-2022, Azure SQL Database, Azure Cosmos DB, AWS S3 bucket
- **Cloud & DevOps:** Microsoft Azure, AWS (S3, Lambda), Git, GitHub, Jira