

Vikas Rathod

Junior Software Engineer | Pune, Maharashtra

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PROFESSIONAL SUMMARY

Junior Software Engineer with 2+ years of experience building **scalable web and cross-platform applications** using **C#, ASP.NET Core, .NET MAUI, DevExpress XAF, REST APIs, and SQL Server**. Skilled in **Azure cloud services, CI/CD, and Agile development**, with strong expertise in **OOP, SOLID principles, and clean architecture**.

TECHNICAL SKILLS

Languages: C#, JavaScript, TypeScript, SQL, HTML5, CSS3, XAML

Frameworks: .NET Core, ASP.NET Core, .NET MAUI, MVC, MVVM, Entity Framework Core

Front-End: Angular, Bootstrap, Responsive UI Development

APIs and Integration: RESTful APIs, ASP.NET Web API, Microsoft Graph API, JWT Authentication

UI Framework: DevExpress XAF, Sync fusion

Databases: SQL Server, Entity Framework (Code-First, DB-First), LINQ

Cloud & DevOps: Microsoft Azure, Azure DevOps, CI/CD Pipelines, Docker

Tools: Git, GitHub, Visual Studio, VS Code, Swagger, Postman

Architecture & Concepts: Microservices, OOP, SOLID, Design Patterns, Agile/Scrum

PROFESSIONAL EXPERIENCE

Junior Software Engineer

Smartnet Software Pvt Ltd | Pune, Maharashtra

Feb 2024 – Present

- Developed application modules using **C#, ASP.NET Core, .NET MAUI, MVVM, XML MVC, Web API, and Entity Framework**.
- Designed database structures, stored procedures, views, and triggers in **SQL Server**.
- Built responsive web pages using **HTML, CSS, Bootstrap, JavaScript**.
- Created and tested REST APIs using **Swagger** and **Postman**.
- Followed best coding practices including **SOLID**, layered architecture, and code reviews.
- Collaborated with QA teams for unit testing, integration testing, and issue fixes.
- Used Git for version control and followed Agile methodology for sprint planning and delivery.

KEY PROJECTS

1. Payroll Management System

Technologies: C#, ASP.NET Core, .NET MAUI, XML, DevExpress XAF, MVC, MVVM, APIs Integration, Entity Framework, SQL Server, Git, Swagger, Postman

- Built end-to-end solutions including **Admin Portal (Web)** and **Android & iOS mobile apps** with shared backend APIs.
 - Designed and developed payroll modules for **salary calculation, pay slip generation, and payroll processing cycles.**
 - Implemented **tax calculation engine** supporting Indian compliance rules including **TDS, PF, and ES.**
 - Developed **leave management integration** impacting salary deductions and accruals.
 - Developed **cross-platform UI using .NET MAUI and DevExpress controls** for payroll dashboards and reports.
 - Automated monthly payroll execution using **batch processing and workflow automation**, reducing HR processing time by 50%.
 - Built end-to-end solutions including **Admin Portal (Web)** and **Android & iOS mobile apps** with shared backend APIs.
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2. GM Admin Portal

Technologies: C#, ASP.NET Core, DevExpress XAF, MVC, APIs Integration, Entity Framework, SQL Server, Git, Swagger, Postman

- Designed and developed the **Admin Portal** using **ASP.NET Core and DevExpress XAF.**
- Integrated **RESTful APIs** to support admin operations and data synchronization.
- Developed **audit logging and activity tracking** for compliance and traceability.
- Implemented **search, pagination, and sorting** features with SQL and MVC controllers.
- Used **Git** for version control and followed best practices.

3. O365 Dashboard

Technologies: C#, ASP.NET Core, DevExpress XAF, MVC, Entity Framework, SQL Server, Microsoft Graph API

- Integrated **Microsoft Graph API** for Office 365 user data synchronization and license management.
 - Built dashboard modules for **user management, OneDrive file access, and license tracking.**
 - Used **Postman** for API testing and validation of Graph API endpoints.
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4. Smart AD Sync

Technologies: C#, ASP.NET Core, DevExpress XAF, MVC, Entity Framework, SQL Server, Git.

- Designed and developed bulk user provisioning workflows using **ASP.NET Core and DevExpress**.
 - Automated **account creation and role assignment** for RDP users.
 - Integrated **SMTP-based email notifications** for account credentials and onboarding status.
 - Implemented **Excel import functionality** for mass user data processing and validation.
 - Ensured **data accuracy, security, and performance** during bulk operations.
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EDUCATION

Bachelor of Engineering (Computer Science Engineering)

Savitribai Phule Pune University - 2022