Uddeshya Mishra

⊙ Noida

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Skills

Backend
.NET Core, ASP.NET Core, C#, Web API, REST API, JWT, Worker Services, NHibernate, Dapper

Frontend
Angular, JavaScript, jQuery, HTML, CSS, SCSS, Bootstrap

Databases
SQL Server, MySQL, PostgreSQL

Tools & Reporting
Fast Report, Postman, SVN, Git, BugZilla

Hosting & DevOps
IIS, Linux Hosting, Basic AWS

Architecture & Practices
Microservices, OOP, N-Tier Architecture, Clean Architecture, Agile Methodology

Soft Skills
Team Leadership, Requirement Analysis, Cross-Team Collaboration, Communication, Problem Solving

Profiles

Senior Software Engineer
5+ Years | .NET Core • Angular • MySQL

Summary

Highly skilled Senior Software Engineer with 5+ years of experience in designing and developing scalable web applications using .NET Core, C#, Angular, and SQL-based technologies. Proven expertise in building backend APIs, integrating front-end modules, and managing databases. Adept in problem-solving, collaborating in agile teams, and delivering high-quality software solutions for enterprise clients like NHAI and GRIL.

Experience

Qualix Information System LLP   October 2019-Prensent
Software Engineer   Noida
🔗 https://www.qualix.co.in/

- Lead development and maintenance of 3 enterprise-level applications for government and infrastructure sectors.
- Developed RESTful APIs using ASP .NET Core for traffic and toll management systems.
- Designed complex database schemas, stored procedures, and triggers using MySQL and PostgreSQL.
- Collaborated with cross-functional teams in Agile environment to deliver high-availability solutions.
- Conducted unit testing, bug-fixing, and performance tuning across all major modules.

Education

U.P. Board   2013-2014
79.8%   High School

U.P. Board   2013-2014
81.4%   Intermediate

Rakshpal Bahadur Management   2016-2019
Institute, Bareilly   Bachelor of Computer Application
67%

Manipal University, Jaipur   2022-2024
8.2   Master of Computer Application

Projects

TMS – Toll Management System

Developed a Toll Management System to handle real-time traffic and revenue data across toll plazas, with modules for user management, role-based access, Fastag integration, audits, and operational reporting.

- Tech Stack: ASP .NET Core, Nhibernate, REST APIs, Fast Report, MySQL, SQL, HTML, CSS, JavaScript.

- Implemented **Role-Based Access Control (RBAC)** to manage permissions and secure module-level access.

- Built the **User Management module**, enabling creation and maintenance of user accounts with audit tracking.

- Developed the **Audit feature** to log user activities and system changes for compliance and traceability.

- Designed and implemented dynamic **reporting dashboards** using **FastReport** for operational insights.

- Integrated various **bank APIs (XML-based)** to enable seamless and secure toll payment transaction data exchange. Collaborated closely with banking partners to ensure compliance, testing, and successful deployment.

- Implemented and integrated APIs from multiple **system integrators** for **closed tolling projects**, ensuring reliable data flow between systems. Maintained effective communication and coordination with external teams to resolve integration challenges and align on technical requirements.

ATMS – Advanced Traffic Management System

A centralized platform that integrates highway control centers and roadside hardware (ECBs, VMS, CCTV) to enable real-time traffic monitoring and incident reporting.

- Tech Stack: ASP .NET Core, Nhibernate, Fast Report, MySQL, SQL, HTML, CSS, JavaScript.

- Integrated hardware components such as ECBs, VMS, and incident monitoring devices with the core system.

- Designed and implemented configuration management features for setting IPs, ports, and other parameters of connected devices from the application.

- Generated dynamic reports using FastReport to support traffic analysis and incident tracking.

- Developed fault-tolerant mechanisms for hardware disconnection and failure scenarios, ensuring system stability.

- Worked closely with hardware vendors and transportation authorities to validate and test device integrations.

Projects

Certificate Management System
In-house Web Application for Certificate Lifecycle Management Across Departments

- Tech Stack: .NET Core, ADO .NET, MySQL, Worker Service
- Developed and deployed a centralized system to manage certificates across HR, IT, Business Development, and Purchase teams, ensuring timely tracking of expirations and renewals.
- Built a background service to automatically send email notifications to relevant stakeholders ahead of certificate expiry and renewal deadlines, minimizing compliance risks and operational delays.
- Designed customizable notification intervals and recipient lists based on certificate type and department.
- Implemented role-based access control and filtering to allow teams to securely manage their own certificates.

Monkey Minder – Expense Management System
A full-stack expense management system with modules for expense tracking, advance requests, and travel approvals, featuring real-time sync, email notifications,

🔗 https://monkeyminder.in/

- Tech Stack: .NET Core, Dapper, Angular, PostgreSQL
- Designed and developed a comprehensive expense management system from the ground up, including requirement analysis, database design, and architecture planning.
- Leading a team of 5 developers, overseeing feature implementation, code reviews, and sprint planning.
- Developed core modules for **Expense Tracking**, **Advance Requests**, and **Travel Management**, supporting full lifecycle approval workflows.
- Built and maintained RESTful APIs using .NET Core and Dapper, ensuring smooth integration with both web and mobile platforms.
- Designed modular, microservices-based architecture with separate services for authentication, expense processing, and logging.
- Created a **scheduled service for email notifications and approval reminders**, improving approver response time and ensuring timely processing of pending requests.
- Collaborated with the mobile app team to support API needs and align features across platforms.
- Delivered responsive and user-friendly front-end components using Angular, with a focus on performance and usability.