Priyanka Yadav

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PROFESSIONAL EXPERIENCE

Software Developer|Yama Technologies Pvt. Ltd |Ahmedabad   *OCT 2022 – FEB 2024*

- Developed and maintained mobile applications for dairy management, healthcare, etc.
- Developed and maintained scalable applications using .NET Core, .NET Framework, and Spring Boot for mobile and web platforms in industries like dairy management and healthcare.
- Designed and implemented authentication mechanisms including OAuth 2.0, JWT, role-based access control (RBAC), and multi-factor authentication (MFA) to enhance system security.
- Developed and optimized APIs using GraphQL and RESTful services, reducing unnecessary API calls by 40% and improving data exchange efficiency.
- Designed and optimized databases using SQL Server, Database-First approach, stored procedures, and indexing, improving query execution time by 40%.
- Implemented CI/CD pipelines and containerized deployments using Azure DevOps, Docker, Kubernetes (AKS), and GitHub Actions, ensuring seamless scalability and high availability.
- Performed debugging, logging, and performance optimization using Postman, Swagger, Visual Studio debugging tools, and Redis caching, reducing system latency and enhancing reliability.
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Asp.net Developer | Logimonk Pvt.Ltd   *JAN 2022 - AUG 2022*

- Designed and developed REST APIs using .NET, C#, Entity Framework Core, and .NET Framework, ensuring scalable and efficient backend solutions. Built and optimized MySQL database architecture, improving data integrity and performance.
- Performed system maintenance and troubleshooting, resolving critical software issues to ensure smooth application performance. Utilized Visual Studio 2022, Swagger, and OAuth for debugging, API documentation, and secure authentication.
- Developed and integrated GraphQL APIs, reducing unnecessary API calls and optimizing data retrieval for mobile and web applications, improving system efficiency and user experience.
- Engaged in architectural discussions to design scalable and high-performance applications, ensuring best practices in both microservices and monolithic architectures within agile SDLC environments.
- Collaborated with product managers and stakeholders to translate business requirements into technical solutions, while documenting APIs, system architecture, and deployment processes to improve development efficiency.

PROJECTS

MOBILE APPLICATIONS: CP (Gyan), CFL, EmilkProcurement, Dodla Dairy, Namaste India, Sarthak Plus, NDS mobile application.

CP(GYAN): CP Gyan is a mobile-based dairy management application designed for milk chilling centers (MCCs) to streamline milk collection, farmer registration, inventory, and complaint handling. The system tracks milk procurement from farmhouses to MCCs, ensuring accurate milk fat, SNF, and financial records. It includes user authentication, asset management, inventory tracking, and workflow automation for seamless operations. The app also features doctor allocation for animal inspections, complaint resolution, and attendance management for MCC staff. The project aims to enhance transparency and efficiency in dairy operations by integrating multiple modules that facilitate seamless communication between farmers and the company.

- Led the development of CP Gyan, a mobile application managing 50,000+ liters of daily milk procurement, 2,000+ farmer registrations, and inventory tracking across 500+ milk chilling centers (MCCs), handling 80% of the development and ensuring smooth implementation..
- Developed and optimized 50+ secure APIs using ASP.NET Core, GraphQL, and RESTful services, enabling 100,000+ milk collection transactions, automated payments, and complaint handling, reducing processing time by 40%.
- Designed and implemented authentication and authorization mechanisms using OAuth 2.0, JWT, and role-based access control (RBAC), securing 5,000+ user accounts and ensuring 100% compliance with security policies

• Enhanced real-time communication and user engagement by implementing push notifications and alerts via Firebase Cloud Messaging (FCM), delivering 10,000+ alerts daily, improving farmer engagement and reducing missed schedules by 30%.

• Optimized system performance and scalability by configuring CI/CD pipelines in Azure DevOps, Jenkins, and GitHub Actions, leveraging Docker and Kubernetes (AKS) for automated deployments, achieving 90% test coverage and reducing downtime..

• Improved database performance and transaction efficiency by optimizing SQL queries, indexing, and stored procedures, reducing query execution time by 40% and ensuring high transaction throughput for 50,000+ daily records.

CFL: (Creamy Foods Ltd.).

• Developed and optimized 50+ scalable APIs in ASP.NET Core to handle 5,000+ farmer records, 100,000+ milk collection transactions, and automated payment processing, reducing manual errors by 40%.

• Implemented a complaint resolution system integrated with a mobile app used by 500+ farmers, enabling real-time issue tracking and reducing complaint resolution time by 35% through automated status updates.

• Enhanced system security with OAuth 2.0 authentication, securing 1,000+ API endpoints and ensuring 100% compliance with role-based access control policies.

• Optimized system performance and scalability by deploying a microservices architecture on Docker and Azure Kubernetes Service (AKS), enabling the system to handle 10x more concurrent transactions efficiently.

• Integrated a digital passbook system with SQL Server and Redis caching, providing real-time transaction tracking for 2,000+ farmers, improving financial transparency and reducing data retrieval time by 50%.

• Implemented Database-First approach with Stored Procedures, optimizing query execution time by 40%, ensuring real-time processing of 50,000+ daily milk collection and payment records.

WEB APPLICATION: Octave Holding & Investment – Building Management System

• Developed a Building Management System (BMS) used by 100+ commercial and residential properties, utilizing ASP.NET Core and Entity Framework Core for efficient asset management, integrating MS SQL for handling 500,000+ records.

• Implemented automated maintenance scheduling, tenant tracking, and real-time monitoring of 1,000+ building assets, using Graphical APIs for improved user experience and reducing manual tracking time by 40%.

• Enhanced system performance and scalability by implementing SQL query tuning, caching strategies, and API integrations, improving response time by 30% and efficiently handling millions of monthly data transactions. Leveraged MongoDB for unstructured data, optimized LINQ queries for faster retrieval, and ensured seamless data exchange using XML-based integrations..

• Developed and secured backend systems using Entity Framework Core (Code-First approach), automating database schema generation across 100+ tables in MS SQL and MongoDB. Enforced role-based access control (RBAC) for 200+ user roles, reducing unauthorized access incidents by 50%, and optimized database performance by reducing query execution time by 25%.

SKILLS

Languages : C#, Core Java, SQL
Frameworks : .NET 8, .NET Core, Entity Framework Core, .NET Framework, Spring Boot.
 Developer Tools & Platforms : MSSQL, Server Management Studio (SSMS), Docker, Linux, Azure,
Eclipse,VisualStudio2022 , Git, Postman,Swagger.
Technologies & Libraries: Redis Cache, Dapper, Elastic Server, Swagger

EDUCATION

JUNE2016 - JUNE2020

Bachelor of Engineering in Computer Science Patel College of Science & Technology | Indore, INDIA

CERTIFICATIONS

• SQL - December 2020 | Qspiders Software Training Institute, Bangalore, India
• Core Java - December 2020 | Qspiders Software Training Institute, Bangalore, India