Yadav S

SDE 2, 5+ years experience
Hathras, India
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I am an SDE 2 based in Hathras with strong expertise as a .NET Full-Stack Developer and a niche focus on Azure cloud technologies. I have hands-on experience building multithreaded, scalable, and maintainable applications for real-world use cases. My work spans backend development, frontend integration, cloud deployment, and end-to-end solution delivery. I specialize in designing efficient architectures, optimizing application performance, and ensuring code quality. I enjoy solving complex technical challenges and implementing solutions that support business growth. With a continuous learning mindset, I stay updated with modern .NET, Azure, and full-stack development practices. I am committed to delivering reliable, secure, and high-performing software.

INDUSTRIES: Healthcare, Software

TECHNICAL SKILLS

• .NET	5 years
• .NET Core	5 years
• Angular	5 years
• Azure	5 years
• SQL Server	5 years

SOFT SKILLS

Perseverance, Communication

PROJECT DETAILS

• Exodes July-2020 - December-2022

Project Description: Designed and developed Angular based webapp with backend in .Net Core 6, to support insurance data feeding by US team. Migrated applications from classic ASP.Net to .Net Core 6.0 and AngularJS to Angular 9. Created and deployed scheduled jobs to production using Apache Airflow scheduler saving cost by 15%. Wrote Unit tests & integration tests, and actively involved in Debugging, Release & Deployment activities. Held meetings with U.S.-based clients and onshore team members. Involved in all the phases of Agile software development.
Responsibilities: I am involved in development, unit test, and integration testing and deployment
Technologies: .Net, Angular, Azure, Oracle
Industry: Healthcare

• CDP

Project Description: Designed and implemented Behaviour Tracking system using open-source Apache Unomi with datastore as Elasticsearch. Created scalable microservice hosted in Kubernetes for data enrichment from external sources. Created time-trigger based azure functions for migrating data to Azure Blob Cold Storage. Created UI in Angular 17 for managing data; hosted in Azure App Service.
Responsibilities: I am involved in development, unit testing, and deployment.
Technologies: .Net, Azure, Angular, Elastic, SQL Server
Industry: Software

EMPLOYMENT HISTORY

• SDE 2

Description: • Design, develop, and maintain high-performance .NET Core/.NET 8 microservices aligned with enterprise-grade architecture standards. • Build scalable and secure REST APIs using microservice principles and integrate with MongoDB and ElasticSearch for efficient data storage and retrieval. • Develop and deploy Azure Functions (HTTP, Service Bus, Timer Trigger) to support event-driven and scheduled backend processes. • Implement advanced caching strategies, including in-memory cache layers and CDN configurations, to optimize application responsiveness and reduce backend load. • Optimize database interactions, including stored procedure tuning and use of Full-Text Indexing, to support high-throughput and low-latency data access patterns. • Contribute to frontend development using Angular (v9 or above) within a 3-tier architecture, ensuring seamless integration with backend services. • Apply data structure and algorithm expertise to refactor and optimize application logic for improved performance and scalability. • Write and maintain unit and integration tests using NUnit to ensure code reliability and coverage. • Work within DevOps pipelines using GitHub, Azure DevOps, and Jenkins for continuous integration, delivery, and release management. • Manage application containerization using Docker and orchestrate deployments on Kubernetes and Red Hat OpenShift. • Host and maintain applications across both Linux (OpenShift) and Windows IIS platforms, ensuring uptime and environment stability. • Follow modern software engineering practices including version control, code reviews, logging, monitoring, and incident resolution.

• Software Engineer July-2020 - December-2022

Optum Global Solutions

Description: ◦ Developed microservice-based Rest APIs in .NET Core and web apps in Angular-9 using 3-Tier Architecture. ◦ Optimized existing workflow using hash-map, improving response time by 60 times. ◦ Experience with data structures, algorithms, object-oriented design (OOPS), and performance/scale considerations; Good analytical and design skills ◦ Proficient in LINQ, Entity Framework, HTML/CSS, Typescript, SQL Server etc. ◦ Working knowledge of GitHub, source control, branching strategies, CI/CD, Logging, and Monitoring. ◦ Hosted applications in Kubernetes, Red Hat OpenShift Linux, and Windows IIS. ◦ Working knowledge of Docker, Containerization, Jenkins and Azure DevOps.

CERTIFICATION

• AZ900 by Microsoft 2022

EDUCATION

• Bachelors degree in Computer Engineering from Aligarh Muslim University 2016 - 2020

LANGUAGES

• English - native

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