

M Piyush Chouhan

.NET DEVELOPER | AZURE | MSSQL | ANGULAR

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Objective

Experienced Azure .NET Developer skilled in .NET Core, Angular, Docker, Kubernetes, and microservices architecture. Proficient in implementing secure OAuth solutions, optimizing CI/CD pipelines with Jenkins, and leveraging Azure services like Key Vault and App Insights to deliver scalable, high-performing cloud solutions.

Technical Skills

Programming Languages	Languages: Primary - C#, Secondary - TypeScript Frameworks: .NET Framework, .NET 6+, Angular 10+
RDBMS	Microsoft SQL Server
Azure Platform	PaaS (App Service, Service Bus, API management, Blob Storage, Application Gateway, Kubernetes Services, Key Vault, App Insights, Redis) IaaS (Virtual Machine)
CICD & Other tools	Git, GitHub, Jenkins, Dynatrace, Foglight, Jira, Azure DevOps, Docker, Kubernetes
Security Mechanisms	MTLS, JWT, Cookie Auth, Kerberos, LDAP, OAuth 2.0
Testing Frameworks	NUnit, MS Test
ITIL Management	Service Now
Industry Knowledge	Insurance

Experience

Software Engineer | Cognizant Technology Solutions

Oct 2023 - Present

- Developed scalable web applications using .NET Core, ASP.NET MVC, and RESTful APIs, adhering to SOLID principles and microservices architecture.
- Secured apps using MTLS client certificate authentication scheme in .NET framework.
- Utilized PaaS like Azure App Service & Azure SQL database to minimize the cost to client.
- Integrated OAuth-based authentication and authorization mechanisms for secure application access.
- Automated builds, testing, and deployment pipelines using Jenkins, XL Deploy, Docker, and Kubernetes for containerized and orchestrated solutions.

Junior Software Engineer | Cognizant Technology Solutions**Aug 2022 – Sep 2023**

- Secured N-Tier applications with JWT authentication, integrating IBM DataPower and WebSEAL for key signing and validation.
- Enhanced application security by implementing OAuth2.0 for authentication and authorization.
- Developed and maintained backend services using .NET Core, optimizing middleware communication between microservices.
- Deployed and managed scalable containerized applications with Docker and Kubernetes, ensuring reliability.

Software Engineer Trainee | Cognizant Technology Solutions**Aug 2021 – Aug 2022**

- Migrated a legacy ASP.NET Web Forms application to a modern ASP.NET MVC architecture to enhance maintainability, scalability, and user experience.
- Designed a new application architecture using ASP.NET MVC, implementing a clear separation of concerns between the Model, View, and Controller components.
- Refactored business logic into service classes, facilitating better unit testing and adherence to SOLID principles.
- Created controllers, business logic and data access layers using Entity Framework.

Programmer Analyst Trainee Intern | Cognizant Technology Solutions**Feb 2021 – Jun 2021**

- Planned and executed seamless migration of MSSQL databases from 2012 to MSSQL 2019.
- Created .NET core MVC applications using Identity management on MSSQL database.
- Integrated authentication and authorization mechanisms using **JWT authentication** schemes.
- Utilized Swagger/OpenAPI for API documentation and client SDK generation.
- Assisted in developing and testing modules using .NET and Angular under senior supervision, focusing on microservices design principles

Junior Software Developer Intern | VRSavvy Technologies Pvt. Ltd.**Nov 2019 – Dec 2019**

- Created the database schema using SQL Server, defining tables, primary and foreign keys, indexes, and constraints to enforce data integrity.
- Utilized Dialogflow to create intents and entities that define user interactions and capture relevant information, allowing the bot to understand and respond to user queries effectively.
- Successfully integrated the chatbot with Google Assistant, enabling voice-activated queries and interactions, improving accessibility for users.

Education

Anna University | Panimalar Engineering College**2017 - 2021**B.E(CS) - Secured a score of **9.05** CGPA**St. Sebastian's Matric. Hr. Sec. School****2015 - 2017**HSC - Secured a total marks of 1145/1200 (**95.4%**)**Holy Queen Matric. Hr. Sec. School****2015**SSLC – Secured a total marks of 478/500 (**95.6%**)**Certification & Achievements**

- Certified AZ-204 Azure Developer Associate
- Certified AZ-900 Azure Fundamentals
- Won *GitHub Copilot Fusion Hackathon* conducted by Microsoft in collaboration with Cognizant
- Business English Certification Preliminary completed with 151 marks and level B2
- Copyright on *Fake Drug Detection using Machine Learning and Blockchain with IOT* (4380/2019-CO/L)
- Copyright on *Reconstruction of Perceived Images from Human Brain Activities using Twin Deep Neural Networks* (L-104847/2021)