

M Piyush Chouhan

AZURE MIGRATION ENGINEER & .NET DEVELOPER

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Objective

Experienced Azure Migration Engineer and .NET Developer adept at leading seamless cloud migrations and optimizing application performance. Skilled in Azure Key Vault, Azure App Insights, and .NET Core, seeking a role to leverage expertise in both Azure cloud solutions and .NET development to deliver scalable, secure, and high-performing solutions.

Experience

Software Engineer | Cognizant Technology Solutions

Oct 2023 - Present

- Developed and implemented migration strategies, including lift-and-shift, re-platforming, and re-architecting.
- Utilized Azure Key Vault for secure management of application secrets and certificates.
- Implemented Azure App Insights to monitor application performance and diagnose issues in real-time.
- 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.

Junior Software Engineer | Cognizant Technology Solutions

Aug 2022 – Sep 2023

- Secured N-Tier applications via JWT based authentication scheme where JWT is signed using a private key by IBM DataPower & IBM WebSEAL and validated in application using public key.
- Developed scalable MVC (Model-View-Controller) applications using .NET Core framework.
- Integrated authentication and authorization features using ASP.NET Core Identity.
- Utilized Entity Framework Core for efficient data access and management in MVC applications.
- Optimized performance and responsiveness through asynchronous programming techniques in .NET Core.

Software Engineer Trainee | Cognizant Technology Solutions

Aug 2021 – Aug 2022

- 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.
- Implemented logging and monitoring using tools like Serilog and Application Insights.

Full Stack Engineer | Predigle India Pvt. Ltd.

Oct 2020 – Dec 2020

- Designed and developed single-page applications (SPAs) using Angular framework.
- Implemented modular architecture with Angular modules, components, services, and directives.
- Integrated with RESTful APIs to fetch and manipulate data using Angular's HttpClient module.
- Implemented reactive forms for data validation and user input handling.
- Utilized Angular Material and Bootstrap for responsive UI/UX design.
- Implemented authentication and authorization using Angular guards and JWT tokens.

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%)

Technical Skills

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| <ul style="list-style-type: none">• .NET MVC• REST API• MS SQL• Bootstrap• Jenkins | <ul style="list-style-type: none">• .NET Core• Angular• Microsoft Azure• GitHub Copilot• XL-Deploy |
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Certification & Achievements

- AZ-204 Azure Developer Associate
- AZ-900 Azure Fundamentals
- Problem solving through programming in C by NPTEL, India
- Database Management System by NPTEL, India
- 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)
- Won *GitHub Copilot Fusion Hackathon* conducted by Microsoft in collaboration with Cognizant