

UDAY SHANKAR GUNDLAPALLY

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Objective:

Dedicated and skilled MSC Computers graduate with 1 year and 5 months of hands-on experience as a Dot Net Backend Developer at Inovar Tech Pvt Ltd. Adept in C#, MVC, Web API, Entity Framework, LINQ, SQL, HTML, CSS, JavaScript, XUnit, NUnit, and possesses comprehensive knowledge of Azure DevOps. Proven ability to contribute to the development and enhancement of complex applications. Seeking a challenging position to leverage technical skills and contribute to innovative projects.

Professional Experience

Inovar Tech Pvt Ltd, Hyderabad.

Dot Net Backend Developer

Employment Period: Jan 2022 - May 2023

Contributed to the development of Learning Management System (LMS) as a backend developer using C#, MVC, Web API, Entity Framework, LINQ, SQL, HTML, CSS, and JavaScript.

Collaborated with cross-functional teams to design and implement scalable solutions that met client requirements.

Utilized unit testing frameworks such as XUnit and NUnit to ensure the reliability and robustness of code.

Acquired in-depth knowledge of Azure DevOps, actively participating in project management, continuous integration, and deployment processes.

Demonstrated proficiency in T-Mobile for unit testing purposes, ensuring the quality of software solutions.

Education:

Master of Science in Computers

Lal Bahadur College, Warangal

Graduated: - Nov 2019 - June 2021 | CGPA: 7.0/10

Technical Skills:

Languages: C#, SQL

Web Technologies: ASP.NET, HTML, CSS, JavaScript

Frameworks: .NET Framework, Entity Framework

Testing: XUnit, NUnit

Version Control: Git

Tools: Visual Studio

DevOps: Azure DevOps

Projects:

Project 1: Learning Management System (LMS)

Technologies Used:

Framework: .NET Framework

Language: C#

Web API: To handle HTTP requests and responses

Entity Framework: For database operations

Database: SQL Server for data storage

Azure DevOps: For version control, continuous integration, and deployment

Repository Pattern: To abstract data access and provide a clean separation between the business logic and data access logic.

Project Overview:

Features:

User Authentication and Authorization, Course Management, User Enrolment, Progress Tracking, Assessment and Grading, Reporting and Analytics.

Developer's Roles and Responsibilities:

Analysis and Design:

Collaborated with stakeholders to gather requirements.

Designed the system architecture and database schema.

Defined API endpoints and payloads.

Development:

Implemented user authentication and authorization using JWT Token Based Authentication system .

Developed Web API controllers for managing courses, user Enrolments , and assessments.

Utilized Entity Framework for seamless data access and manipulation.

Implemented the Repository Pattern to ensure a modular and maintainable codebase.

Integrated third-party tools for reporting and analytics.

Database Management:

Designed and implemented the database schema.

Ensured data integrity and implemented database constraints.

Optimized database queries for improved performance.

Deployment:

Configured CI/CD pipelines using Azure DevOps for automated testing and deployment.

Managed release cycles and performed production deployments.

Documentation:

Maintained comprehensive documentation for code, APIs, and system architecture.

Created user manuals and technical documentation for future reference.

Collaboration:

Worked closely with front-end developers to integrate API endpoints.

Collaborated with UI/UX designers to ensure a seamless user experience.

Participated in regular sprint planning and retrospective meetings.

Achievements:

Successfully delivered a fully functional Learning Management System within the specified timeline.

Improved system performance by optimizing database queries, resulting in a 20% reduction in response time.

2. T-Mobile Unit Testing Integration - Dot Net Developer

Project Title : **Microwave (5G)**

Client : T-Mobile US, Inc.,

Duration: 3 Months

Framework: .NET Framework

Language: C#

Web API: To handle HTTP requests and responses

Entity Framework: For database operations

Database: SQL Server for data storage

Description:

T-Mobile US, Inc., commonly shortened to T-Mobile, is a United States-based wireless network operator whose majority shareholder is the German telecommunications company Deutsche Telekom (DT). Its headquarters are located in Bellevue, Washington, in the Seattle metropolitan area. T-Mobile is the third largest wireless carrier in the United States with 79.7 million customers as of the end of Q4 2018.

Microwave is the part of T-Mobile who looking of Telecom root licenses in US. Microwave team is responsible for Partial & Full cancellation Licenses, to Renew the Licenses & Buildout Proactive License and Buildout Nearing Expiration Licenses. To track all these functionalities for multiple level users Inovar has created a web application with name Microwave.

Roles and Responsibilities:

Worked on a project focused on enhancing unit testing processes for T-Mobile applications.

Collaborated with cross-functional teams to integrate unit testing methodologies into the development workflow.

Implemented unit tests using XUnit to validate the functionality and reliability of software components.

Contributed to the development of automated testing scripts, improving overall testing efficiency.

Assisted in identifying and resolving bugs, ensuring a high-quality deliverable.

Achievements:

Completed the MSc in Computers with a commendable CGPA of 7.0/10.

Successfully designed and implemented secure APIs for the LMS project, contributing to a seamless user experience.

Played a pivotal role in the integration of unit testing methodologies for the T-Mobile project, resulting in improved software quality.

Extra-Curricular Activities:

Actively participated in coding competitions and hackathons.

Volunteered for technical workshops and seminars.

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