

# Neha Kumari

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## PROFILE

Result-driven and experienced **Software Developer** with a strong background in **.NET , SQL, C#, and cloud computing** platforms. Proficient in designing and implementing database management systems, optimizing SQL queries, and deploying applications using agile methodologies. Skilled in utilizing **Azure and AWS** services, with a proven track record of delivering high-quality solutions for diverse projects. Effective communicator and team player with a commitment to continuous learning and improvement.

## TECHNICAL SKILLS

**Programming Languages:** ASP. NET Core, .NET5/6, SQL 2012/2014/2019, C#, YAML, Entity Framework Core

**Cloud Computing:** Azure Logic App, APIM and Blob Storage, AWS (SES, Dynamo DB, SQS, Lambda functions)

**Frameworks:** API, MVC

**Front End language:** HTML5, CSS, Bootstrap, JavaScript

**Database:** SQL Server, Mongo DB, Dynamo DB, Azure SQL

**Version Control:** GIT, SVN

**Development Tools:** Visual Studio, Vs Code, SonarQube

**Deployment:** Jenkins, Azure DevOps, YAML Pipelines

**Methodology:** Agile

**API Development & Testing:** Postman, Swagger

## PROFESSIONAL EXPERIENCE

**Senior Software Engineer (Coforge, India)**

**Dec 2021 – April 2024**

**Client:** Northbridge Financial Corporation, Toronto, CA

**Project:** P&C Insurance project

- Designed and maintained COI microservices using **C#, .NET 5/6, and SQL**, incorporated **CQRS** architectural pattern to separate command and query responsibilities, ensuring each service followed RESTful principles and managed **API endpoints** through **Azure API Management (APIM)**.
- Utilized **Entity Framework** to perform **CRUD** operations, handle **COI data**, including the creation, retrieval, updating, and deletion of **COI records**.
- Implemented solutions to integrate Pivotal System data into **Microsoft Dynamics CRM** and ensure seamless data synchronization using **Azure** cloud Services, including **Logic App, and Blob storage**.
- Performed **API** debugging with **Postman** to confirm their correct operation and seamless integration with other services.
- Incorporated **GitHub Copilot** to streamline development workflows, significantly boosting efficiency and accelerating project timelines.
- Managed feature branches and merge requests in **GIT** to organize development tasks efficiently and maintain code quality throughout the project lifecycle.
- Developed and executed **xUnit test cases** to validate functionality and ensure quality assurance of the Certificate of Insurance feature.
- Improved software quality metrics, such as reducing bug rates by **20% increase in code quality** scores, resulting in higher customer satisfaction and fewer support requests.
- Developed and implemented **Power Apps** solutions to streamline and automate daily **operational tasks by 25%**, resulting in significant savings of time and effort.

**Software Engineer (Heureux Software Solution Pvt. Ltd, Noida, India)****Dec 2020 - Nov 2021****Software Engineer (Pacific IT Consulting Pvt. Ltd.)****July 2020 - Nov 2020****Client: Heureux Software Solution Pvt. Ltd, India****Project: Sweepstake Gaming App & Health Insurance project**

- Developed a sweepstakes mobile application with **.NET Core 3.1 and Entity Framework Core**, applied **SOLID** principles for a modular design and implemented **RESTful** endpoints for user registration, contest entries, and prize distribution.
- Tested APIs using **Postman** and **Swagger** to make sure they work well and integrate smoothly with other services.
- Handled module development, bug fixing and Sprint planning in **Jira**.
- Incorporated **Visual Studio Code** as the primary framework for coding, debugging, and overseeing version control.
- Managed code repositories using **Git**, including branching, merging, and resolving conflicts to streamline development processes.
- Implemented database design and related queries using **SQL** to extract data.
- Utilized **AWS** features like **SES, Dynamo Db, lambda function, SQS** to manage data in a cloud environment.
- Performed code optimization and reduced its line of code and **redundancy by 25%** and improved code quality.
- Facilitated backlog grooming sessions to decompose epics into user stories, define acceptance criteria, and estimate story points for **sprint planning**.

**Associate Software Engineer (Loyalty Prime India Pvt Ltd, Noida, India)****June 2018 – June 2020****Project: Loyalty program project**

- Developed and maintained a **loyalty program** web application using **.NET frameworks, C#, .NET MVC, JavaScript and OOPS principle**.
- Created and executed **SQL** queries to extract, modify, and optimize database performance.
- Tested and debugged APIs using **Postman** to make sure they work well and integrate smoothly with other services.
- Worked with Version Control **GIT** to create branch and pull code from repository.
- Maintained low bug re-open rates and demonstrated thorough bug resolution.
- Performed **Dev, QA and Sandbox Deployment** and participated in preparation of production deployment scripts.
- Implemented performance optimizations that reduced system **response times by 30%**, enhancing **user experience** and productivity.

**Associate Software Engineer (Mad Technologies India Pvt Ltd, Noida, India)****Jan 2017 – May 2018****Project: Education ERP**

- Designed web pages using **HTML, CSS, bootstrap, JavaScript**.
- Developed and managed documentation for an Education **ERP system** including library management, leave tracking, exams, syllabus management, and Human Resource module including payroll and leave management using **C# and ASP .NET** framework.
- Implemented database design and related queries using **SQL** to extract and manipulate data, ensuring streamlined data retrieval processes and database performance optimization.

## EDUCATION

**Masters in Computer Applications, IGNOU, India****Mar 2015 - June 2018****Evaluated by World Education Services (WES), as equivalent to a Canadian Master's degree****Note: Open for Relocation**