

# Nilesh Kumar

Noida, Uttar Pradesh | nileshkumar23240@gmail.com | +91 7054354042 |  
linkedin.com/in/nilesh-kumar-232080203 | github.com/Nilesh-kumar-git

## Professional Summary

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.NET Developer with 2 years of experience in full-stack development using C#, .NET MVC, Entity Framework, SQL Server, and Web APIs. Expertise in designing scalable backend systems, integrating third-party APIs, and optimizing software performance. Proven ability to develop high-quality, efficient software solutions, improving system functionality and performance in collaborative team environments.

## Work Experience

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### Software Developer

Sep 2023 – Present

Traviyo, Noida, India

- Engineered and maintained three major travel-related platforms: Airtravellab, MytoursPlan, and T2TWorld, enhancing user engagement by 30%.
- Integrated flight and bus APIs to streamline booking processes, resulting in a 25% increase in booking efficiency.
- Designed a customizable package management system, reducing manual processes by 40% and enhancing team productivity.
- Improved agent and admin panel functionalities, leading to a 20% reduction in user-reported issues.

### Software Developer Trainee

Feb 2023 – Aug 2023

CoderSoftech, Remote

- Contributed to backend system development using C#, ASP.NET MVC, and SQL Server, enhancing system performance by 15%.
- Participated in 50+ code reviews and debugging sessions, resulting in a 20% increase in application stability.
- Integrated secure payment gateways for seamless transaction processing, reducing payment failures by 10%.

## Projects

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### Fixed Departure System - Airtravellab

**Project Overview:** Designed a flight booking system enabling admins to configure flights, and agents to manage bookings, invoices, and queries, resulting in a 15% increase in sales.

**Technologies Applied:** C#, ASP.NET MVC, Entity Framework, SQL Server, Payment Gateway APIs, HTML, CSS

### Portal System - MytoursPlan

**Project Overview:** Created a platform that integrates flight and bus APIs, empowering customers to book tickets directly with secure payment processing, boosting user satisfaction by 20%.

**Technologies Involved:** ASP.NET MVC, Web API, SQL Server, Payment Gateway APIs, HTML, CSS

### Destination Management System - T2TWorld

**Project Overview:** Built a panel for agents to view and customize travel packages, improving the booking conversion rate by 18%.

**Technologies Utilized:** C#, ASP.NET MVC, SQL Server, HTML, CSS

## Education

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### Master of Computer Applications (MCA)

Sept 2021 – May 2023

Uttar Pradesh Technical University

CGPA: 8.3

**Relevant Coursework:** Advanced Programming, Web Technologies, Database Management, Network Security, AI and Machine Learning, Cloud Computing

**Bachelor of Computer Applications (BCA)**

*Sept 2018 – May 2021*

Chaudhary Charan Singh University

**Relevant Coursework:** Fundamentals of Programming, Object-Oriented Programming, Web Development, Basics of AI

## **Technical Skills**

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**Languages and Markup:** C#, JavaScript, HTML

**Styling:** CSS

**Frameworks:** ASP.NET Core, ASP.NET MVC, Entity Framework, Web API, Angular

**Tools:** Microsoft SQL Server, .NET Framework, AJAX, JQuery

**Concepts:** Data Structures and Algorithms (DSA), SOLID Principles, DRY Principle, Dependency Injection, Design Patterns, Object-Oriented Programming, JWT

**APIs:** Flight APIs, Bus APIs, Payment Gateway Integration