

# Mahavir Patil

## Software Developer

✉ mahavirpatil7171@gmail.com ☎ 9125027171

### Profile

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.NET Developer with hands-on experience in ASP.NET MVC/Core, SQL, and JavaScript, dedicated to delivering efficient and user-friendly applications. Proficient in developing robust web applications and RESTful APIs, with a strong focus on performance and user experience. Eager to leverage my skills in a collaborative environment to contribute to innovative software solutions.

### Education

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**BSC(Computer)**, R. C. Patel Arts, Commerce & Science College

### Courses

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**Dot NET Full Stack Developer Course**, Code Dot Solutions (CDS Institute)

#### Key Learnings and Expertise:

##### Frontend Development:

- Acquired proficiency in HTML, CSS, JavaScript, Bootstrap, and jQuery.
- Worked on designing layouts and implementing dynamic functionalities for improved user experiences.

##### Database Management:

- Designed and managed relational databases using SQL Server.
- Developed optimized queries, stored procedures, and database triggers to ensure efficient data retrieval and manipulation.

##### Web Frameworks:

- Leveraged Entity Framework and LINQ to seamlessly interact with databases.
- Applied ORM (Object-Relational Mapping) for database operations, minimizing boilerplate code and improving development efficiency.
- Followed best practices for maintaining consistency and scalability in database-driven applications

##### Project Development:

- Hands-on experience in building and deploying end-to-end applications.
- Gained insight into the software development lifecycle, including requirement analysis, design, development, testing, and deployment.
- Successfully collaborated in team environments to deliver functional web applications aligned with business objectives.

### Skills

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#### Programming Languages:

C#, JavaScript (ES6+)

#### Database:

MS SQL Server

#### Tools:

Postman, Swagger, Visual Studio, Visual Studio Code

#### Frameworks:

ASP.NET MVC (Core & .NET Framework), Web API (.NET Core), Entity Framework Core, ADO.NET.

#### Web Technologies:

HTML, CSS, React.js, jQuery, AJAX, Front-End Development React.js (Hooks, Functional Components, JSX, State Management).

## Projects

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### 1-Online Bookstore Application

#### Academic Projects

#### Technologies Used:

**Backend:** ASP.NET Core Web API, C#.

**Frontend:** ASP.NET Web Applications, JavaScript, jQuery, AJAX.

#### Database:

MS SQL Server (Entity Framework Core, ADO.NET) Tools: Postman, Swagger. Developed a robust e-commerce application for managing book purchases, including functionality for user authentication, cart management, and order tracking.

- Implemented CRUD operations for managing book inventory
- Integrated payment gateway for seamless transactions.
- Designed user-friendly interfaces using Razor Views and Ajax for responsiveness.

#### Database Management:

- Designed normalized schemas using MS SQL Server for data integrity and optimized query performance.
- Utilized Entity Framework Core and ADO.NET for data access layers, enabling secure data retrieval and storage.

#### API Testing & Validation:

- Tested APIs using Postman and documented endpoints with Swagger for clarity and scalability.
- Ensured API security by implementing input validation, exception handling, and data encryption techniques.

#### Error Handling and Debugging:

Conducted thorough testing, identifying and resolving bugs to ensure smooth performance and user experience.

## Declaration

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All the information shared in the resume is correct, and I take full responsibility for its correctness

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**Mahavir Patil**

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