

HARSH KOTECHA

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SUMMARY

Innovative and results-driven **.NET Backend Developer** with 3+ years of experience in designing, developing, and maintaining high-performance, secure, and scalable web applications. Proficient in **C#, ASP.NET Core, MVC, Web APIs, Entity Framework, and SQL Server**, with exposure to **Azure services** and **microservice-based architectures**. Adept at collaborating in cross-functional environments, implementing CI/CD pipelines, and integrating third-party APIs to deliver efficient and modernized digital solutions. Known for optimizing backend performance, improving system scalability, and writing clean, maintainable, and testable code aligned with enterprise development standards.

EXPERIENCE

Backend Developer

The Whole Digidoodle

February 2023 - Present, Jaipur, Rajasthan

- **Led the migration** of a large-scale enterprise web application from **ASP.NET Web Forms** to **ASP.NET Core MVC**, improving performance, scalability, and maintainability.
- **Designed and implemented RESTful APIs** using **ASP.NET Core** and **Entity Framework**, enabling seamless integration across web and mobile clients.
- **Architected modular microservice components** for broadcasting, e-form management, and automation tasks, increasing system flexibility and reducing inter-module dependencies.
- **Enhanced database performance** by writing optimized **SQL Server** queries and stored procedures, reducing average query response time by 35%.
- **Improved user interactivity** with dynamic front-end features built using **JavaScript, jQuery, AJAX**, and responsive UI principles for real-time updates.
- **Implemented CI/CD pipelines** in **Azure DevOps**, automating build, test, and deployment processes to staging and production environments.
- **Integrated OpenAI APIs** within the CMS portal to automate content generation and improve overall user experience.
- **Collaborated with cross-functional teams** (Product, QA, and DevOps) and conducted **code reviews, unit testing, and documentation**, ensuring high-quality, maintainable deliverables.

Web Developer Intern

Shopivana

August 2022 - January 2023, Jaipur, Rajasthan

- **Developed and Designed** an appointment scheduling module using **ASP.NET MVC, C#, and SQL Server**, improving booking efficiency and reliability.
- **Integrated Google Calendar and OAuth APIs** to enable secure authentication and real-time event synchronization.
- **Designed and implemented** responsive user interfaces with **HTML, CSS, JavaScript, jQuery, and AJAX**, ensuring smooth user experiences.
- **Created and optimized database structures** for user, booking, and availability management, improving query performance.
- **Collaborated with senior developers and QA teams** to perform testing, debugging, and deployment, ensuring production-ready quality.

PROJECT

Educational Web App

- **Developed and designed** a full-featured learning platform using **C#, ASP.NET MVC, SQL Server, Bootstrap, and JavaScript**.
- **Implemented multi-role access control** with separate dashboards for administrators and standard users.
- **Built CRUD modules** for blog, course, and resource management, enhancing platform scalability.
- **Optimized data performance** through **server-side caching, pagination, and database indexing**.
- **Integrated advanced search and filtering** for improved content discoverability and user engagement.

Personal Tracking App

- **Developed core application modules** using **C#, WinForms, and SQL Server** for employee onboarding, attendance tracking, and reporting.
- **Implemented dual-role login (Admin/Employee)** with **role-based access control** to ensure secure data management.
- **Automated attendance and leave tracking workflows**, improving reporting accuracy and administrative efficiency.
- **Designed and optimized SQL database schema, stored procedures, and triggers** for consistent and reliable data handling.
- **Integrated export-to-Excel and print functionalities** to generate structured employee reports and summaries.

SKILLS

C# and .NET Framework

ASP.NET Core and MVC

ADO.NET and Entity Framework

HTML, CSS, Bootstrap, and jQuery

SQL Server, LINQ, Stored Procedures, Triggers

RESTful APIs and Microservices

Azure App Services and Azure DevOps

Git and GitHub

Unit Testing (xUnit/NUnit), Postman, and Swagger

EDUCATION

Environmental Science and Technology – B.Tech + M.Tech

Amity University · Jaipur, Rajasthan · 2022
