

Raman Sharma

Software Developer

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PROFESSIONAL SUMMARY

Skilled **.NET Developer** with **3+** years of experience in building efficient, scalable applications using **.NET Core**, **C#**, and **ASP.NET MVC**. Expertise in developing **Web APIs** and managing databases including **SQL Server** and **MongoDB**. Proven track record in integrating complex systems with **Azure** cloud deployments and designing **Microservices** architectures. Adept at optimizing backend services and crafting dynamic, responsive web interfaces using **jQuery** and **Ajax**.

WORK EXPERIENCE

HCL Tech

Software Engineer I

11/2023 - Present | Noida, India

- Developed and optimized **Web APIs** using **.NET Core** for the **Microsoft Bing** Shopping Platform, supporting new features, including integration of **Amazon** Products to enhance shopping options and user engagement.
- Optimized **MS SQL** and **PostgreSQL** databases, reducing page load times by 15% and ensuring efficient data handling for high-traffic pages.
- Streamlined code management with **Azure DevOps** for version control, automated testing, and faster deployments, improving code integration times by approximately 20%.
- Built responsive UI elements with **jQuery**, **JavaScript**, and **Kendo UI**, delivering seamless and dynamic user experiences.
- Authored **Xunit** test cases using **Moq** and utilized **Swagger** for API testing, maintaining high API reliability with over 95% pass rates and reducing production bugs by 15%.

Sonet Microsystems

Software Developer

05/2023 - 11/2023 | Noida, India

- Developed robust APIs using **.NET MVC**, contributing to critical business applications and enhancing system functionality.
- Designed and implemented **Stored Procedures** in SQL Server, improving data retrieval efficiency and reducing query execution time.
- Utilized **Git** for code versioning and **Azure DevOps** for continuous integration, ensuring streamlined development and deployment processes.
- Created interactive UI components using **HTML**, **CSS**, **JavaScript**, **Ajax** delivering seamless and dynamic user experiences.

BusinessNext

Graduate Engineer Trainee

01/2022 - 02/2023 | Noida, India

- Built and tested basic web applications using **.NET Framework**, gaining foundational experience in backend development and **Object-Oriented** programming.
- Assisted in troubleshooting and **Bug Fixing** across various projects, developing strong **Debugging** skills and a detail-oriented approach to code quality.
- Learned SQL database management, writing and **Optimizing Queries** to support data retrieval and perform basic data analysis.
- Gained hands-on experience with essential tools such as **Git** for version control, **IIS** for deployment, and **Visual Studio** for code editing, as well as exposure to **JIRA** for task tracking and **Postman** for basic API testing.

PROJECTS

MyCloud

HCL Tech

- Engineered robust **Web APIs** using **.NET Core**, enabling seamless communication between cloud services and reducing integration issues by 15%.
- Built responsive UI components using **jQuery**, **JavaScript**, and **Kendo UI**, simplifying complex cloud management tasks for users.
- Utilized **Azure DevOps** for managing **CI/CD pipelines**, ensuring efficient deployments and maintaining high reliability in code delivery processes.

Microsoft Bing (Shopping)

HCL Tech

- Enhanced the Bing Shopping experience by integrating **Amazon Products**, expanding available options and streamlining the shopping process for users.
- Collaborated closely with project stakeholders to refine requirements and deliver new features on time, aligning with the **Bing** team's vision for a competitive edge in **e-commerce**.
- Improved data handling and response times for shopping queries by **optimizing** backend processes, contributing to a smoother, more responsive user experience.

ERP (University Management System)

Sonet Microsystems

- Implemented critical modules such as **HR Management**, **Security Management**, and **Convocation Management**, automating 40% of manual processes and enhancing system efficiency.
- Optimized database operations with custom stored procedures, improving query execution speeds by 25%, which supported real-time data updates for administrators and users.
- Developed intuitive and feature-rich UI elements using **HTML**, **CSS**, **jQuery** and **Bootstrap**, leading to a 20% reduction in task completion times.

CRM (Customer Relationship Management)

BusinessNext

- Gained hands-on experience in **.NET Framework** and **ASP.NET**, contributing to the development of essential CRM features that improved customer interaction workflows.
- Collaborated with senior developers to debug and troubleshoot key modules, enhancing **problem-solving** skills and understanding of complex codebases.
- Applied SQL skills to create and refine queries, improving database operations and laying the foundation for robust data management practices.

SKILLS

- Programming & Frameworks:** .NET Core, C#, ASP.NET MVC, .NET Framework, JavaScript, jQuery, Kendo UI, HTML, CSS, Bootstrap, Ajax
- API Development & Testing:** RESTful APIs, Web API, Microservices Architecture, Xunit (with Moq), Swagger, Postman
- Database Management:** SQL Server, PostgreSQL, Stored Procedures, Query Optimization, Profiler Trace
- Development Practices:** Object-Oriented Programming (OOP), Debugging, Code Reviews, Database Design
- DevOps & Tools:** Azure DevOps (CI/CD Pipelines), Git, IIS, Visual Studio, JIRA

EDUCATION

Bachelor of Technology

08/2018 - 08/2022 | Noida, India

- Dr. A.P.J. Abdul Kalam Technical University (Computer Science & Engineering) | 7.8 CGPA (**Honors**)

Senior Secondary

03/2017 - 04/2018 | Delhi, India

- DAV Sr. Secondary School (Science Stream) | 8.5 CGPA