MUKUL SHARMA

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Professional Summary

Results-driven Full Stack .NET Core Developer with experience in developing and optimizing scalable web applications using ASP.NET Core, Angular, and SQL Server. Proven expertise in Clean Architecture, CQRS, and modern web technologies. Passionate about crafting high-quality, maintainable code and enhancing user experience.

Skills

- **Backend:** .NET Core, C#, ASP.NET Core, Web API, Entity Framework Core, LINQ
- **Frontend:** Angular, TypeScript, JavaScript, HTML5, CSS3, Bootstrap
- **Database:** SQL Server, Stored Procedures, Functions, Triggers, Query Optimization
- **Architecture & Design Patterns:** CQRS, Clean Architecture, Layered Architecture, Repository Pattern, Unit of Work
- **Development Tools & Version Control:** Visual Studio, VS Code, Git, GitHub
- **Testing & Debugging:** Postman, Swagger

Experience

Associate Software Engineer **Step2gen Technologies Pvt. Ltd.** *Mohali, Punjab* **May 2024 - Present**

- Developed and maintained full-stack applications using .NET Core Framework and Angular.
- Implemented CQRS (Command Query Responsibility Segregation) for better scalability and maintainability.
- Followed Clean Architecture and Layered Architecture principles for modular and structured code.
- Designed and optimized SQL Server databases, writing complex queries, stored procedures, and triggers.
- Developed interactive UI using JavaScript, HTML, CSS, and Bootstrap for responsive web applications.
- Used Entity Framework (EF Core) for database interactions and ORM mapping.
- Followed Agile methodologies, participating in sprint planning, daily stand-ups, and code reviews.
- Utilized Git for version control and collaboration.
  Tech-Used: .NET Core, Bootstrap, Vanilla JavaScript, SQL Server, Rest Api, Angular 18

Internship

JAVA intern **Softskills Infotech Pvt. Ltd** *Meerut, Uttar Pradesh* **July 2023 - Aug 2023**

- Developed Java applications using Core Java concepts, enhancing backend efficiency
- Integrated databases using JDBC for seamless data management.
  Tech-Used: Java, MySQL

Projects

FLIGHT RESERVATION SYSTEM **May 2024 – June 2024**

- Developed RESTful APIs using ASP.NET Core to handle business logic and data processing efficiently.
- Followed Clean Architecture and CQRS patterns to ensure maintainability and scalability.
- Used Dependency Injection (DI) and Repository Pattern for a modular and testable codebase.
- Implemented authentication and authorization using JWT and Identity for secure user management.
- Designed and optimized SQL Server database, including stored procedures, indexing, and query optimization.
- Integrated Bootstrap, HTML, and CSS to create a user-friendly and mobile-responsive UI/UX.
  Tech-Used: .NET, asp .net, Bootstrap, SQL Server, JavaScript, Angular

E-COMMERCE **June 2023 – June 2023**

- Developed a dynamic E-commerce web app using HTML, CSS, and JEE for real-time transactions.
- Designed a user-friendly interface, facilitating seamless communication for remote users.
  Tech-Used: **HTML, CSS, JEE, Oracle.**

QUIZ APPLICATION **April 2022 – May 2024**

- Created a Java-based Quiz app with full-stack capabilities and real-world features like lifelines.
- User-friendly interface design for individuals and teams.
  Tech-Used: **Swing, AWT, Java.**

Coding Profile

- Hacker Rank: smukul889 | Leet Code: smukul889 | GitHub: mukulsharma889

Achievements

- Achieved 4★ on Hacker Rank.
- Awarder the title "Mr. Cracker" in College Fest.

Education

Masters in Computer Applications **Galgotias University** **Greater Noida, India 2022 - 2024**

- Major in Computer Science and Engineering, 8.5 CGPA

Bachelors in Computer Applications **Chaudhary Charan Singh University** **Meerut, India 2019 – 2022**

- Major in Computer Science and Engineering, 6.5 CGPA

Certifications

- **C programming** - NAV BHARAT INSTITUTE.
- **Java** - NAV BHARAT INSTITUTE.