Rahul Sharma
Software Engineer

Full Stack Developer with 2.7 years of experience in building scalable applications using .NET Core, Angular, SQL Server, and Azure. Skilled in clean architecture, DevOps, and CI/CD with Docker and GitHub Actions.

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Experience

Full-Stack Developer, Wolters Kluwer, Pune, India
Dec 2022 - Present

- Spearheaded the development of a scalable **data migration solution** using **.NET 8, Angular 16,** and **Azure Cloud,** modernizing data transfer from legacy systems to cloud infrastructure.
- Built a robust **WPF-based Extractor Tool** for ETL operations, migrating structured data from on-premise **SQL Server** to **Azure SQL Database.**
- Developed and deployed RESTful **.NET Core APIs** to enable secure, high-throughput data integration across systems.
- Designed and implemented a responsive **Angular web application** with **NgRx** for state management and **RxJS** for real-time data streaming.
- Integrated **SignalR** for real-time data updates and two-way communication between distributed components.
- Achieved **30% improvement in development efficiency** and reduced manual coding errors by adopting **GitHub Copilot** and **ChatGPT** as AI pair programming tools.
- Automated the **CI/CD pipeline** using **GitHub Actions**, facilitating continuous integration, testing, and delivery across dev, staging, and production environments. And reduce manual efforts by **over 80%.**
- Utilized **Docker** and **Docker Compose** to containerize services, streamlining local development and multi-environment deployment.
- Leveraged **Azure services** (App Services, Blob Storage, SQL Database, Key Vault) for secure and scalable application hosting.
- Actively participated in **Agile** development cycles, including sprint planning, backlog grooming, daily stand-ups, and peer code reviews.
- Ensured maintainable, testable, and performant code through **unit testing, integration testing,** and adherence to **SOLID principles**.

Personal Project

Portfolio Website [View Project]

- Angular, TypeScript, Material UI, HTML, CSS, JavaScript
- Developed a responsive personal website to showcase projects and skills, using Angular and Material UI for a modern UI and mobile-first design.

Course Management Platform [View Code]

- Java, Spring Boot, React, MySQL, JavaScript, HTML, CSS
- Created a full-stack e-learning platform enabling instructors to manage courses and schedules; implemented student enrollment, rating, and review features.

Skills

Languages

- C#, JavaScript, TypeScript, HTML5, CSS3, SQL

Frameworks & Libraries

- .NET Core, Angular, WPF, Entity Framework, RxJS, NgRx, Material UI

Cloud, DevOps & Tools

- Azure, Azure DevOps, CI/CD, GitHub Actions, Docker, Docker Compose, Git, GitHub, GitHub Copilot

Real-Time & Databases

- SignalR, WebSockets, SQL Server, Azure SQL Database

Languages

- English
- Hindi

Education

Post Graduate Diploma in Advanced Computing (PG-DAC)

- Centre for Development of Advanced Computing (CDAC), Pune - 2022

Bachelor of Engineering (B.E.) in Mechanical Engineering

- Oriental Institute of Science and Technology, Bhopal - 2019