

PANKAJ YADAV

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SUMMARY

Senior .NET Developer with 10+ years of experience creating scalable, high-performance applications using C# and .NET Core. Specialized in designing microservices architectures, integrating third-party systems, and building secure APIs. Experienced with Azure cloud services and automating CI/CD pipelines with Azure DevOps. Known for strong communication and problem-solving skills, with a collaborative approach to overcoming technical challenges. Proven track record of working with cross-functional teams to deliver solutions that meet client needs in dynamic, fast-paced Agile environments.

SKILLS

- **Languages & Frameworks:** C#, ASP.NET Core, ASP.NET MVC, Razor Pages, Entity Framework, SQL, TypeScript, JavaScript, Angular (v19), OAuth2, OpenID Connect
- **Frontend & UI Development:** HTML5, CSS3, Responsive Design, RxJS, Kendo UI, AG Grid, SignalR
- **API & Integration Tools:** RESTful APIs, Swagger / OpenAPI, Postman, RabbitMQ, WebSockets
- **Cloud & DevOps:** Azure, Docker, Azure DevOps, Azure Container Registry (ACR), CI/CD Pipelines, Git
- **Version Control:** Git, Azure DevOps
- **Databases:** MS SQL Server, Entity Framework (EF)
- **Tools & Methodologies:** Visual Studio, Angular CLI, Agile (Scrum)

EXPERIENCE

Software Developer | Checkpoint Systems

(January 2025 – Present)

- Engineered robust backend services using .NET, implementing scalable APIs and messaging workflows to support a distributed, high-availability architecture.
- Designed and implemented seamless user journeys in a complex Angular application, improving usability and driving engagement across key workflows.
- Built high-performance, interactive data tables using AG Grid, delivering features like virtual scrolling, advanced filtering, and multi-column sorting for large-scale datasets.
- Developed responsive, accessible, and visually consistent UI components using Kendo UI for Angular, including dynamic forms, modals, and dropdowns, enhancing user experience across devices.
- Integrated RabbitMQ to support real-time, asynchronous communication between backend services and the frontend, ensuring data consistency and low-latency updates.
- Enabled real-time, bi-directional communication via SignalR, allowing the Angular frontend to receive instant updates (e.g., live notifications and event-driven UI refreshes) without page reloads.
- Containerized .NET backend APIs using Docker and published Docker images to Azure Container Registry (ACR).
- Automated the build, test, and deployment of containerized applications using Azure DevOps pipelines.

Senior .NET Developer | Blueteq Limited

(September 2021 – July 2024)

- Designed and developed backend services using C# and .NET Core to manage NHS data efficiently.
- Integrated third-party systems using RESTful APIs for seamless interoperability.
- Designed and managed MS SQL Server databases, ensuring optimal performance, reliability, and scalability.
- Implemented microservices architecture for modular, maintainable systems, enhancing overall system performance.
- Utilized Azure cloud services to automate CI/CD pipelines with Azure DevOps, improving deployment efficiency and system stability.
- Collaborated closely with cross-functional teams ensuring business requirements were met.
- Applied Agile methodologies to improve project management and delivery.

Software Developer | Kelkoo Group

(June 2020 - May 2021)

- Designed and developed web applications using ASP.NET Core and MVC frameworks.
- Created RESTful APIs to enable seamless communication between frontend and backend systems.
- Built responsive and dynamic user interfaces using Razor Pages and JavaScript.
- Automated data extraction processes using Python, reducing manual intervention.

Software Developer | SugarBox

(January 2019 - September 2019)

- Developed and maintained backend services with ASP.NET Core, ensuring secure, efficient, and maintainable code.
- Enhanced data access performance by implementing efficient queries using Entity Framework and optimizing database schema.
- Applied design patterns such as MVC and Dependency Injection to enhance application architecture.

Software Developer | Celusion Technologies Private Limited

(September 2016 – January 2019)

- Collaborated in all phases of the Software Development Life Cycle (SDLC), including requirement analysis, development, testing, deployment, and code enhancement.
- Contributed to the development and maintenance of the Future Generali Life Insurance mobile application for the sales team, ensuring seamless functionality and user experience.
- Designed and implemented various user interface components, including Fragments, ViewPager, and Popup Windows, ensuring responsive and user-friendly layouts.
- Redesigned existing XML layouts to increase flexibility and adaptability for different use cases.
- Utilized the Google Maps API to develop location-based features, providing real-time geolocation services within the app.
- Created and managed a local database using SQLite to support offline functionality and data synchronization.
- Integrated third-party libraries to enable social login and streamline network operations.
- Leveraged Loaders, Intent Services, and Broadcast Receivers to implement a loosely coupled and efficient architecture.

Software Developer | Mobicule Technologies Private Limited

(August 2014 - July 2016)

- Developed robust web applications using the Spring Framework, implementing the Model-View-Controller (MVC) architecture for clean separation of concerns.
- Worked extensively with key components of the Spring MVC pattern, such as DispatcherServlet, HandlerMapping, Controllers, Models, and Views.
- Designed and consumed RESTful and SOAP-based Web Services, utilizing XML parsing for seamless data exchange between systems.
- Leveraged Hibernate with Spring to implement efficient object-relational mapping (ORM) for data persistence and retrieval in the application.
- Implemented secure authentication and authorization mechanisms using Spring Security integrated with LDAP.
- Utilized technologies such as Java Servlets, JSP, AJAX, and Apache Tomcat to build scalable and dynamic applications.

Android Developer Intern | CWISE Softech Private Limited

(March 2014 - June 2014)

- Gained expertise in Android application lifecycle and implemented core components such as Activity, Service, and BroadcastReceiver to ensure seamless functionality.
- Managed technical responsibilities, including module development based on design specifications, debugging, defect resolution, and root cause analysis.
- Coordinated with team members on system design, integration, and application maintenance, fostering a cohesive development process.

CERTIFICATIONS

- Azure Developer Associate - AZ-204 (*Pursuing; experienced with key concepts and real-world applications*)

EDUCATION

- Master of Science in Data Science and Analytics | University of Hertfordshire, United Kingdom, 2021
- Bachelor of Engineering in Computer Science and Engineering | Mumbai University, India, 2013