

Ammar Khalid

Senior Senior Full Stack Engineer | .NET, C# Expert

SUMMARY

- Full Stack Engineer with 8+ years of experience specializing in .NET Core (3.0 to 8.0), C#, ASP.NET MVC, and front-end frameworks including Angular and React.js.
- Proven expertise in cloud platforms Azure and AWS, implementing services like Azure Functions, App Service, and AWS Lambda.
- Skilled in real-time communication technologies such as SignalR and Socket.io, enhancing user engagement in complex applications.
- Strong background in database management with SQL Server, MySQL, and MongoDB, optimizing performance and reliability across projects.
- Computer Engineering graduate with hands-on experience in CI/CD pipelines, Docker, DevOps practices, and modern software development methodologies.

TECHNICAL SKILLS

Main Technical Skills	.NET (8 yr.), C/C++/C# (8 yr.), ASP.NET Core Framework (6 yr.), ASP.NET MVC (8 yr.), Angular (6 yr.)
Programming Languages	JavaScript (6 yr.), TypeScript (3 yr.)
.NET Platform	ADO.NET (8 yr.), ASP.NET Core Framework (6 yr.), ASP.NET MVC (8 yr.), Entity Framework (8 yr.), .NET (8 yr.), WebForms (4 yr.)
JavaScript Frameworks	Angular (6 yr.), AngularJS (3 yr.), jQuery (6 yr.)
C++ Libraries and Tools	C/C++/C# (8 yr.)
Java Libraries and Tools	JSON (6 yr.)
Mobile Frameworks and Libraries	OneSignal (3 yr.)
Salesforce Ecosystem	Salesforce
Data Analysis and Visualization Technologies	Azure Data Factory
Security	Microsoft Entra (2 yr.)
Databases & Management Systems / ORM	Microsoft Azure SQL Server, MongoDB, MySQL (3 yr.)
UI Frameworks, Libraries, and Browsers	Ag Grid (2 yr.), Ajax (6 yr.), Bootstrap 4 (6 yr.), CSS3 (6 yr.), HTML5 (6 yr.), jQuery (6 yr.), Material UI (3 yr.), Socket.io (3 yr.)
	AWS (3 yr.)

Cloud Platforms, Services & Computing	
Amazon Web Services	AWS API Gateway (3 yr.), AWS EC2 (3 yr.), AWS Lambda (3 yr.)
Azure Cloud Services	Azure App Service (3 yr.), Azure Blob Storage, Azure Cloud Functions (3 yr.), Azure Data Factory, Azure DevOps (3 yr.), Azure Key Vault (3 yr.), Azure Logic Apps, Microsoft Azure API, Microsoft Azure SQL Server
Industry Domain Experience	SAAS
SDK / API and Integrations	AWS API Gateway (3 yr.), Microsoft Azure API
Version Control	BitBucket, Github Actions (2 yr.), Tortoise
Deployment, CI/CD & Administration	CI/CD (3 yr.), GitLab CI (3 yr.)
Methodologies, Paradigms and Patterns	Command and Query Responsibility Segregation (CQRS)
Virtualization, Containers and Orchestration	Docker (3 yr.)
Platforms	Salesforce
QA, Test Automation, Security	TFS
Third Party Tools / IDEs / SDK / Services	Visual Studio (8 yr.)
Other Technical Skills	LINQ to SQL (8 yr.), MeditR, PaaS, VSS

WORK EXPERIENCE

Senior Full Stack Developer - NanoByte Technologies (Z-Band)

Duration: Sep 2020 - Present

Summary:

- Z-Band is an IoT-based web application that provides various services such as TV and Cameras to customers
- It enables users to check status, communicate, and manage their IoT devices online

Responsibilities:

- Designed and delivered scalable enterprise solutions using .NET Core (3.0 to 8.0), ASP.NET MVC, and Web Forms.
- Developed interactive front-end interfaces using React.js, AngularJS, Razor Syntax, and Material UI.
- Implemented real-time communication features with SignalR and Socket.io.
- Managed and optimized SQL Server and MySQL databases.
- Leveraged Azure and AWS cloud platforms integrating services like Azure Functions, App Service, and Key Vault.



- Streamlined workflows with CI/CD pipelines using Azure DevOps and GitLab.

Technologies: .NET Core (3.0 to 8.0), ASP.NET MVC, Web Forms, React.js, AngularJS, Razor Syntax, Material UI, SignalR, Socket.io, SQL Server, MySQL, Azure (Functions, App Service, Key Vault), AWS, Azure DevOps, GitLab

Senior Full Stack Developer - NanoByte Technologies (Blain's Supply Inc.)

Duration: Sep 2020 - Present

Summary:

- Blain's Supply Inc
- is an eCommerce store targeting the US market
- The project involved designing front-end screens and developing backend APIs to support eCommerce functionalities

Responsibilities:

- Designed front-end screens using Angular 13.
- Developed backend APIs using .NET 5.
- Ensured high performance and user satisfaction through scalable enterprise solutions.

Technologies: Angular 13, .NET 5

Senior Full Stack Developer - NanoByte Technologies (RealTour)

Duration: Sep 2020 - Present

Summary:

- RealTour is a real estate business application designed to provide a hassle-free property viewing platform
- It allows users to select registered agents, schedule meetings, and handle payments for transactions

Responsibilities:

- Developed platform features for property viewing and agent selection.
- Implemented scheduling and payment functionalities.
- Ensured seamless user experience and transaction processing.

Technologies: .NET Core, Angular, SQL Server

Senior Full Stack Developer - NanoByte Technologies (Property Share)

Duration: Sep 2020 - Present

Summary: Property Share is a multi-layered portal enabling users and admins to manage property-related activities, including initiating joint ventures through legal agreements.

Responsibilities:

- Developed user and admin management features.
- Implemented joint venture initiation and legal agreement workflows.
- Maintained portal security and scalability.

Technologies: .NET Core, Angular, SQL Server



Senior Full Stack Developer - NanoByte Technologies (Workflow)

Duration: Sep 2020 - Present

Summary: Workflow is an employee task management system similar to Jira, allowing project managers to create tickets and employees to update task statuses.

Responsibilities:

- Designed and implemented task and ticket management features.
- Enabled status updates and progress tracking for employees.
- Ensured system reliability and user-friendly interface.

Technologies: .NET Core, Angular, SQL Server

Software Engineer - 2B Vision Technologies

Duration: Oct 2017 - Sep 2020

Summary:

- Worked on architecture design and development of robust, scalable solutions using
- NET Core, Azure services, and ASP
- NET MVC
- The role involved improving application performance and stability through cloud and container technologies

Responsibilities:

- Led architecture design discussions and implemented innovative strategies.
- Conducted code reviews and applied best practices to reduce production defects by 15%.
- Developed high-performance applications with React.js and optimized SQL Server database operations.
- Configured Dockerized EC2 servers and deployed AWS Lambda and API Gateway services.
- Maintained uptime and rapid troubleshooting during critical production issues.

Technologies: .NET Core, ASP.NET MVC, React.js, SQL Server, Azure, AWS (Lambda, API Gateway), Docker, EC2

.NET Developer - ABN Technologies

Duration: Aug 2015 - Oct 2017

Summary:

- Developed high-performance CQRS-based ASP
- NET APIs and enhanced front-end performance with Angular and AG-Grid
- Participated in migrating MVC applications to headless architecture and upgrading
- NET framework projects

Responsibilities:

- Implemented CQRS-based ASP.NET APIs for improved system responsiveness.
- Integrated Angular and AG-Grid for enhanced front-end data management.
- Collaborated on migrating MVC platform to headless architecture.
- Integrated Microsoft Copilot and GitHub Copilot to automate code generation and debugging.
- Conducted unit testing and debugging to ensure software robustness.



Technologies: ASP.NET, CQRS, Angular, AG-Grid, Microsoft Copilot, GitHub Copilot, .NET Framework

EDUCATION

- **COMSATS Institute of Information and Technology, Lahore**
Bachelor of Science - Computer Engineering

