

Aman Ansari

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PROFILE

Full Stack Developer skilled in Angular, C#, and ASP.NET Core, with ability in building scalable, high-performance web applications. Proficient in modern development methodologies and delivering optimized, enterprise-grade solutions.

SKILLS

- **Backend** - C#, ASP.NET Core, Web API, Dapper, ADO.NET, Entity Framework, Redis, MSSQL, MVC, CI/CD, Azure Function, RabbitMQ, JWT, LINQ
- **Frontend** – Angular 9+, JavaScript, TypeScript, jQuery, HTML, CSS, Bootstrap, Tailwind, PrimeNg, Angular Material,
- **Tools** - SSMS, Visual Studio, VS Code, Git, GitHub, GitLab, Auth0, Postman, Docker, Azure DevOps

WORK EXPERIENCE

Full Stack Developer July 2023 - Present

Cloud Analogy, Mohali

- Develop a **real-time bidirectional synchronization system** between Jira and DevStride using Azure Function Apps and Azure Table Storage, achieving **99.9%** sync accuracy, and reducing manual effort by **80%**.
- Deployed **serverless, event-driven architecture**, cutting infrastructure costs by **60%** and ensuring auto-scalability for high-volume sync operations.
- Developed and maintained scalable, responsive web applications using .NET and Angular, improving page load performance by **25%** and reducing support queries by **200+ annually**.
- Revamped system architecture to support **2x user and data load**, ensuring high availability and performance under scaling demands.
- Integrated **RESTful APIs** and build secure authentication flows, enhancing platform security.
- Collaborated with UI/UX teams and backend developers, contributing to **20% faster project delivery** through agile sprints and efficient code reviews.
- Wrote unit and integration tests to improve code coverage and reliability, reducing post-deployment bugs by **30%**

PROJECTS

Sync Bridge – DevStride and Jira

- Built a bidirectional synchronization system that automated real-time data flow between **DevStride and Jira**, covering over **95%** of work item activities, including creation, updates, priorities, comments, and status changes.
- Developed serverless workflows using Azure Function Apps, reducing infrastructure cost by up to **60%** while ensuring instant response to events via webhook and polling mechanisms.
- Designed a dynamic mapping solution with Azure Table Storage to manage ID relationships across platforms, improving data **traceability by 100%** and eliminating manual mapping efforts.
- Leveraged REST APIs from both systems and performed end-to-end testing using Postman, achieving **99.9% sync accuracy** during extensive test cycles.
- Enabled seamless project tracking across tools, reducing manual **sync workload by 80%**, and significantly improving cross-team coordination and transparency.

E-Commerce Web-API

- Built advanced search and filtering functionality using generic classes and LINQ, improving query precision, and reducing API response time by **25%**.
- Designed and enforced a **minimal-layer, modular architecture**, enhancing system scalability and maintainability by **20%**.
- Created a **centralized error handling mechanism** with custom middleware and logging, resulting in **30% less downtime** and improved application reliability.
- Set up automated **CI/CD pipelines on Azure DevOps**, streamlining deployments and reducing release cycles by **35%**, while minimizing human errors.
- Implemented **Azure-hosted cron jobs** (timer-based Azure Functions) for backend automation tasks, including scheduled cleanup and background validations.
- Restricted **disposable email addresses during registration and login**, enhancing authentication integrity and reducing spam/bot signups significantly.

3D Auto Estimating Application

- Applied **lazy loading** and optimized code by reducing redundancy by **30%**, enhancing system maintainability and improving load times by **20%**.
- **Migrated Angular project from v9 to v19**, modernizing the codebase and ensuring compatibility with the latest features and libraries.
- Streamlined multi-user workflow with a restructured application architecture for better scalability.
- Enabled seamless Excel data integration, automating file processing and visualization to improve user interaction by **20%** use the EPPlus for seamless data extraction and excel build.
- Led the **deployment and release process** across staging and production environments using tools like **Docker, Git, and CI/CD pipelines** to ensure smooth, error-free rollouts.

Energy Dealer Hub

- Developed a fully functional business website with secure backend API using .NET Core and Dapper for chemical energy dealership operations.
- **Upgraded Angular from version 9 to 16**, modernizing the codebase and adopting latest UI practices.
- Integrated **JWT authentication**, and implemented **email services** for verification and transactional notifications.
- Restricted **disposable email addresses** on the backend to prevent spam/bot registrations.
- Used **Directus CMS** for dynamic content control by business teams without developer involvement.
- Created responsive UI with **lazy loading** modules, reusable components, and enhanced UX using Angular Material and PrimeNG.
- Improved page load speed by **35%** and enhanced customer interaction via real-time updates using RxJS and Angular services.

EDUCATION

Bachelor of Technology in CSE Dr. A. P. J. Abdul Kalam Technical University	Aug 2019 - July 2023
Higher Secondary St. J.P. Convent Public School	July 2018 - April 2019