

Muhammed Arshad

Full-Stack Developer | Angular | ASP.NET Core

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SUMMARY

Full-stack developer with 3 years of experience in building enterprise SaaS and ERP solutions using Angular and ASP.NET Core. Proven success in transforming monolithic systems into scalable microservices, improving performance with Redis, RabbitMQ, and gRPC, and delivering secure authentication with OAuth2/OIDC. Skilled at designing micro frontends and cloud-ready architectures that accelerate deployments and enhance user experience.

TECHNICAL SKILLS

- **Languages & Frameworks:** C#, ASP.NET Core, Web API, Angular (11–19), ABP.io, ASP.NET Zero
- **Frontend:** Angular, RxJS, TypeScript, CSS, SCSS, Dynamic Forms
- **Backend & Architecture:** Microservices, gRPC, SignalR, Multi-Tenancy, SaaS Architecture, Domain-Driven Design (DDD)
- **Databases:** MySQL, SQL Server, MongoDB, Redis
- **DevOps & Tools:** GitLab CI/CD, Docker, Quartz, RabbitMQ, GitHub/GitLab
- **Security:** OAuth2, OpenID Connect, OpenIddict, ASP.NET Core Identity

PROFESSIONAL EXPERIENCE

Software Developer | ioNob Innovations LLP | Calicut

May 2023–Present

StimeERP Manpower (DotNet Core 8 + Angular 19)

- Leading migration of ERP system from monolithic .NET Core to SaaS-based microservices, enabling multi-tenant support.
- Built secure authentication & authorization with OpenIddict (OAuth2/OIDC) and ASP.NET Core Identity, ensuring enterprise-grade compliance.
- Introduced **gRPC** for microservice communication, improving API performance and reducing latency.
- Optimized performance using **Redis** caching and **MongoDB** logging, lowering database load and improving scalability under concurrent usage.
- Enabled real-time features with **SignalR** and **RabbitMQ**, delivering instant notifications and event-driven workflows across distributed systems.
- Automated recurring tasks with **Quartz** job scheduling (data sync, report generation), improving system reliability.
- Integrated **Telerik Reporting** to deliver robust, customizable, and high-performance reports, enhancing enterprise reporting capabilities across the ERP system.
- Implemented a **dynamic document and form builder** allowing clients to create configurable forms with **culture-level localization**.

H2oERP Trading (Dotnet + Angular)

- Developed and maintained ERP modules using **ABP Zero architecture** with **Angular 11** and **ASP.NET Core**, following clean layering and best practices.
- Developed and maintained APIs, collaborated on web application architecture redesign, and Developed reusable **Angular components, modals, and validation logic** in development

Document Management System ([ABP.io](#) + Angular 13)

- Implemented **large file uploads** using the **TUS protocol**, enabling reliable, resumable uploads for high-volume documents. .
- Built **dynamic metadata forms** allowing configurable document attributes without code changes
- Developed **document approval workflows** with multi-level review and status tracking .
- Enabled **real-time updates and notifications** using **SignalR** for document status changes and approvals.
- Implemented **Microsoft Graph API-based authentication and authorization** to access and edit **Excel files** with **permission-level control**, enabling secure, in-app Excel editing.

EDUCATION

Shree Devi Institute Of Technology Mangalore(VTUniversity)
B.E, Computer Science and Engineering (CSE)

2019-2023