




ABDULLAH M

Senior .NET Full Stack Engineer

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PROFESSIONAL SUMMARY

Software Engineer with **4+ years of experience** designing and building **scalable healthcare and enterprise web applications** using **ASP.NET Core, Web APIs, SQL Server, AWS, and modern frontend technologies**. Strong background in **performance optimization, background processing, secure file handling, and cloud-based architectures**. Proven contributor in Agile teams and recipient of the **Rookie of the Year Award** for outstanding impact.

TECHNICAL SKILLS

Backend: C#, ASP.NET Core (MVC, Web API), Microservices, Dapper, Entity Framework Core

Frontend: JavaScript, HTML, CSS, jQuery, Telerik UI, Kendo UI, D3.js, Bootstrap

Database: SQL Server, Stored Procedures, Query Optimization, Indexing

Cloud & DevOps: AWS (S3, Lambda), Windows Services (NSSM), Task Scheduler

Messaging & Background Jobs: RabbitMQ, Quartz.NET, Hangfire

Security: JWT Authentication, Role-Based Authorization

Tools & Practices: Visual Studio, VS Code, SSMS, Swagger/OpenAPI, Git, Agile/Scrum

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER

Aezion Technologies | Jun 2022 – Present

- Designed and developed **enterprise-grade healthcare applications** using **ASP.NET Core, Web APIs, and SQL Server**, supporting end-to-end patient study workflows.
- Built and optimized **RESTful APIs** with JWT authentication, improving system security and API response times.

- Implemented **asynchronous and background processing** using **RabbitMQ, Quartz.NET, and Hangfire** to handle long-running and data-intensive tasks.
 - Developed and optimized **complex stored procedures using Dapper**, ensuring efficient processing of large EEG data files.
 - Integrated **AWS services (S3, Lambda)** for secure file storage, processing, and automation.
 - Collaborated with cross-functional Agile teams to deliver features on time while maintaining high code quality through unit testing and code reviews.
 - Actively contributed to **automation initiatives**, reducing manual intervention and improving operational efficiency.
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PROJECT EXPERIENCE

NEULINE HEALTH – Healthcare SaaS Platform

Role: .NET Developer

- Developed backend services for **EEG study ingestion, processing, and status management** using ASP.NET Core and SQL Server.
 - Implemented secure file upload and storage workflows using **AWS S3** and automated processing with **AWS Lambda**.
 - Built file parsing mechanisms for **EDF, BDF, and event files (TEV/TVX)** with automated status transitions.
 - Utilized **RabbitMQ** for asynchronous workflows and background job execution.
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SYNERGY MEDICAL SOLUTIONS – Healthcare Analytics Platform

Role: .NET Developer

- Designed and maintained scalable Web APIs for EEG data processing and reporting.
 - Integrated **Power BI dashboards** to provide analytics and insights for physicians and operations teams.
 - Automated report generation and background processing using **Quartz.NET and RabbitMQ**.
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UNITED HOME EXPORTS – Enterprise Management System

Role: .NET Developer

- Developed a web-based management system for a multi-service home improvement business.

- Implemented **dynamic pricing engines** and customer-specific estimate generation.
 - Built **interactive dashboards** for sales tracking, marketing performance, and commission reports.
 - Generated detailed **PDF reports** for operational and financial transparency.
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ACHIEVEMENTS

- **Rookie of the Year Award – Aezion Technologies** for exceptional contributions to healthcare product development and automation initiatives.
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EDUCATION

Bachelor of Computer Technology

Rathinam College of Arts and Science | 2019 – 2022

GPA: 7.3

LANGUAGES

English, Tamil, Malayalam