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Bushra Daoud

Lead Software Engineer | .NET Solutions Architect | DevOps & Security

A strategic Lead Software Engineer with 5 years of experience specializing in the .NET ecosystem. Proven expertise in architecting high-availability Multi-tenant systems for 500+ vendors and managing full-cycle software delivery. Expert in bridging Backend development with DevOps (Docker, CI/CD) and Application Security. Actively advancing in Web Penetration Testing to build resilient, security-first applications. Skilled in leveraging AI-assisted development (Claude/Claude Code) to accelerate delivery and ensure code excellence.

TECHNICAL SKILLS

- **Backend**: .NET 8/7/6, ASP.NET Core MVC, Razor Pages, Web API, C#, Entity Framework Core.
- **Architecture**: Multi-tenancy (Isolation logic), N-tier Architecture, Repository & Unit of Work Patterns.
- **DevOps & Cloud**: Docker, Docker Compose, GitHub Actions (CI/CD), Semantic Release, Nginx, Linux.
- **Performance & Monitoring:** SQL Performance Tuning (Execution Plans), Grafana, Prometheus, Serilog.
- **Security**: Web Penetration Testing (In-progress), Rate Limiting, Data Protection API, Secure Secrets Management.
- **Tools & Productivity**: AI-Assisted Development (Claude Code, LLMs), Gulp, Bootstrap, Git Flow.

Experience

NOVEMBER 2023 – PRESENT

Lead Software Engineer | Bee Cell Markets Company, Dubai, UAE

- **Multi-tenant Architecture:** Designed and scaled a .NET 8 Multi-tenant platform for 500+ vendors using domain-based resolution and a shared-database strategy.
- **Security & Hardening:** Developed custom Middleware to block malicious bot traffic and implemented robust protections against XSS/SQLi. Secured sensitive credentials using Environment Variables and encrypted API keys via IDataProtector.
- **Performance Engineering:** Resolved critical server bottlenecks by optimizing SQL Execution Plans and fixing Parameter Sniffing issues. Integrated Grafana and Prometheus for real-time monitoring.
- **CI/CD & Automation:** Architected automated pipelines using GitHub Actions, integrating Unit Testing and Semantic Release for automated versioning and changelogs.
- **AI-Driven Productivity:** Successfully integrated AI-assisted tools (Claude Code) to accelerate feature development, code refactoring, and unit test generation.

SEPTEMBER 2021 – AUGUST 2023

Full Stack Web Developer | Robotic Mind Company, Lattakia, Syria.

- **Legacy Migration**: Led the migration of enterprise applications from ASP.NET Web Forms to .NET 6 Web API, modernizing the entire tech stack.

- **Custom Tooling**: Co-developed an internal ORM-like library to standardize data access, reducing SQL redundancy and accelerating development time.
- **Frontend Modernization**: Re-architected legacy UI into responsive interfaces using Bootstrap and Vanilla JavaScript, improving user engagement.
- **Infrastructure Management**: Managed SQL Server deployments via Docker, ensuring isolated and stable development environments.

Education

September 2011 – November 2016

Bachelor of Science in Software Engineering/Tishreen University, Lattakia, Syria.
Activities and societies: Mechanical and Electrical Exhibition (MEE3).