TRAN MINH KHOA

Senior Backend Developer (.NET)

Location: Ho Chi Minh City, Vietnam

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**PROFESSIONAL SUMMARY**

Backend engineer with 8+ years of experience in enterprise systems using Microsoft technologies. Skilled in building scalable, secure, and performant services using .NET Core, microservices, and cloud-native architecture. Proven ability to lead development teams and deliver high-quality software.

**TECHNICAL SKILLS**

* Languages: C#, .NET Core, ASP.NET Web API
* Databases: SQL Server, PostgreSQL, MongoDB, Redis
* Architecture: Microservices, DDD, CQRS, Clean Architecture
* Tools: Docker, Kubernetes, Azure DevOps, Git, RabbitMQ, Swagger, AutoMapper
* Testing: xUnit, Moq, Integration Testing

**PROFESSIONAL EXPERIENCE**

Senior Backend Developer – FPT Software | Jan 2021 – Present

* Architected scalable logistics backend systems using .NET 6 and PostgreSQL.
* Migrated monolithic systems to microservices, boosting API performance by 40%.
* Implemented CI/CD pipelines using Azure DevOps and Docker containers.
* Mentored 4 junior developers and led technical code reviews.

Backend Developer – TMA Solutions | Mar 2017 – Dec 2020

* Built backend services for healthcare systems using ASP.NET Core and SQL Server.
* Integrated IdentityServer4 and OAuth2 authentication.
* Increased code coverage from 45% to 90% with comprehensive unit tests.

Junior .NET Developer – Global CyberSoft | Jun 2015 – Feb 2017

* Developed ERP modules using .NET Framework and Crystal Reports.
* Optimized SQL procedures for better reporting performance.
* Collaborated with clients to gather and refine requirements.

**EDUCATION**

Bachelor of Science in Computer Science

Ho Chi Minh City University of Technology (HCMUT) | 2011 – 2015

GPA: 3.3 / 4.0

**CERTIFICATIONS**

* Microsoft Certified: Azure Developer Associate
* Microsoft Certified Solutions Developer (MCSD)
* Advanced .NET Architecture – TechMaster Vietnam

**HIGHLIGHTED PROJECT**

Global Shipment Tracking System – Technical Lead

* Built real-time tracking system using .NET 6, Redis, RabbitMQ, and PostgreSQL.
* Integrated multiple logistics APIs and handled 1M+ packages/month.
* Achieved 99.9% uptime and reduced system downtime to under 1 hour/month.

**INTERESTS**

* System architecture and optimization
* Clean code and software craftsmanship
* Running, coffee brewing, playing guitar