



包敦星

Male | 27 years old ☎ 13874735053 ✉ 1301385382gjts@gmail.com

7 year work experience | Position: C# | City: Shenzhen

Professional Summary

Senior .NET Full Stack Developer with 7+ years of experience specializing in WMS, ERP, and high-concurrency backend systems. Expert in Database Tuning (SQL Server/Oracle EBS) and Code Performance Optimization, with a proven track record of reducing core API latency from 30s to 3s. I possess a unique competitive edge in AI-Augmented Engineering ("Vibe Coding"), leveraging tools like Cursor/Windsurf to boost development velocity by 300%+. Additionally, I offer distinct expertise in Native Android (PDA) development and hardware integration, bridging the gap between mobile terminals and backend architectures.

Skills

Backend & Core: C#, .NET Core / .NET 6+, ASP.NET MVC, Web API, EF Core, LINQ, Multi-threading, CLR Memory Management.

Database & Storage: SQL Server (Execution Plans, Indexing, Locking), Oracle EBS (PL/SQL Tuning), Redis (Caching/Distributed Locks).

Mobile & Hardware: Native Android, PDA Industrial Development, Hardware SDK Integration (RFID/Scanner), Windows CE to Android Migration.

Architecture & DevOps: Microservices, Tyk API Gateway, Docker, CI/CD, Linux.

AI & Tools: Cursor/Windsurf Power User (Prompt Engineering, Code Gen), Python (RPA/Scripts), Git, JIRA, Scrum/Agile.

Employment History

Shenzhen Junlong Electronics Co., Ltd. | Shenzhen, China

Senior .NET Developer

2023.03-Now

Led the digital transformation of warehouse systems, focusing on mobile migration, gateway integration, and performance tuning.

1. PDA System Migration (WinCE to Android): Spearheaded the full-scale migration of the handheld terminal system from Windows CE to Native Android. Solved cross-platform hardware compatibility issues (Scanner/RFID) and optimized broadcast mechanisms, achieving 100% device compatibility and a 50% increase in scanning efficiency.

2. Enterprise API Gateway Integration: Architected a unified gateway layer using Tyk API Gateway to integrate internal WMS with external ecosystems (CATL/Ningde Times & Meituan). Implemented unified authentication and rate limiting, ensuring TP99 < 200ms for high-concurrency cross-system calls.

3. WMS Performance Tuning: Managed the full lifecycle of the WMS. Optimized heavy-load scenarios (Inbound/Outbound/Stocktaking) by tuning Oracle EBS stored procedures and SQL Server execution plans. Successfully reduced core report query time from 30s to 3s, resolving system congestion during peak hours.

4. Team Leadership: Established Code Review and Unit Test standards. Mentored 2 interns to become independent contributors within 3 months and facilitated the team's transition from Java to .NET stack.

Deloitte Consulting (Shanghai) | Shanghai, China

RPA Developer / Senior Consultant

2022.08-2023.02

- Delivered enterprise automation solutions, combining RPA tools with custom C# high-performance components.
- 1. RPA Solution Delivery: Led the design and development of 10+ enterprise-level automated processes using iS-RPA and Selenium/XPath. Saved the client 300+ man-hours annually per high-frequency scenario.
 - 2. C# Extension Development: Developed high-performance extension components (DLLs) using C# and Python to handle compute-intensive tasks (e.g., large Excel merging, PDF splitting, OCR), overcoming the performance limitations of native RPA scripts.
 - 3. Standardization: Encapsulated a standardized API request template with unified authentication and retry mechanisms, covering the codebase with NUnit automated testing to ensure stability.

Shenzhen Zhenzhi Technology Co., Ltd. | Shenzhen, China

Intermediate .NET Developer

2021.08-2022.06

- Focused on B2C ERP core modules, algorithm optimization, and legacy system modernization.
- 1. ERP Core Development: Responsible for the core backend of the B2C ERP, integrating APIs for Southeast Asian e-commerce platforms like Lazada and Shopee.
 - 2. Algorithm Optimization: Refactored nested loop logic using Hash Maps (Dictionaries), successfully reducing algorithm complexity from $O(n^2)$ to $O(n)$.
 - 3. Performance & Architecture: Optimized core report queries from 5s to 1s via index rebuilding. Migrated legacy XML-based configurations to a database-driven dynamic configuration service to enable hot-reloading.

Shenzhen Hongguo Software Co., Ltd. | Shenzhen, China

Intermediate .NET Developer

2020.06-2021.06

- Handled high-volume data architecture for a Cross-border ERP system.
- 1. High-Volume Data Architecture: Developed an ERP system (Wish/eBay) handling 8 Million+ records per table. Designed a dynamic database sharding mechanism using dependency injection to alleviate single-point pressure.
 - 2. Database Performance Governance: Analyzed SQL Server Execution Plans to resolve slow queries. Optimized indexes and rewrote SQL logic, improving query speeds by 70% (5s+ to <1s).
 - 3. Smart Procurement Module: Led the development of the "Smart Procurement" algorithm, automating purchase suggestions based on sales forecasting, achieving a highly efficient "single-person closed-loop" workflow.

Nanjing Jianpu Software Co., Ltd. | Nanjing, China

.NET Developer

2018.06-2020.06

- Developed Engineering Management Platforms with IoT and visualization features.
- 1. Engineering Platform: Developed Contract and Payment modules handling complex financial logic (Prepayments/Retention Money) using ASP.NET MVC + WCF + EF.
 - 2. IoT & Visualization: Integrated RFID hardware for asset tracking. Innovative implementation of 2.5D interactive floor plans using Canvas + SVG, allowing drill-down interactions for a 47-story building asset monitoring system.

Education			
Hunan University of Technology	Bachelor	Computer Scienc	2022-2024
Yongzhou Vocational and Technical College	Vocation Education	Computer Scienc	2016-2019