

HEMANATH M

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PROFESSIONAL SUMMARY

ASP.NET Web API Developer with 2+ years of experience designing and building scalable, high-performance RESTful APIs using C#, ASP.NET Core, and SQL Server. Skilled in optimizing real-time systems with SignalR and Redis, improving API response times by up to 30%. Experienced in Clean Architecture, Dapper, and Entity Framework Core, with a proven record of developing maintainable solutions for warehouse and courier management systems. Strong collaborator in Agile teams, focused on delivering efficient and reliable backend solutions.

EXPERIENCE

.NET Junior Backend Developer

July 2023 – Present

Softclient, Bella Vista, Australia (Remote)

- Developed and maintained RESTful APIs using ASP.NET Core Web API for warehouse and courier management systems.
- Implemented secure API endpoints with JWT authentication and documented them using Swagger.
- Optimized system performance using Redis caching and implemented real-time communication via SignalR.
- Worked on automation of inventory tracking, order fulfillment, and dispatch management modules.

PROJECTS

Warehouse Management System | *ASP.NET Core, Redis, SignalR, JWT Authentication*

- Developed a full-featured warehouse management system to streamline inventory tracking, order processing, and dispatch management.
- Automated workflows for order fulfillment, including picking, packing, and shipping operations.
- Integrated dispatch tracking with route and schedule optimization for delivery management.
- Generated detailed reports on inventory turnover, order statuses, and warehouse efficiency.
- Implemented real-time inventory updates, product location tracking, and stock replenishment alerts using SignalR.

Courier Application | *Flutter, Clean Architecture, Google Maps API, RESTful API*

- Developed a courier management app with dynamic order creation and real-time delivery tracking.
- Integrated Google Maps API for address autocomplete, route planning, and distance-based pricing.
- Applied Clean Architecture with repository and use-case layers for scalable codebase.
- Automated delivery charge and COD calculation based on distance and vehicle type.

TECHNICAL SKILLS

Languages: C#, SQL, Dart

Frameworks: ASP.NET Core, Entity Framework Core, Dapper, Flutter

Technologies: RESTful APIs, SignalR, Redis, JWT Authentication, Google Maps API

Tools: Visual Studio, VS Code, Postman, Git, Docker

EDUCATION

Government College of Engineering, Srirangam

Bachelor of Engineering in Mechanical Engineering

Trichy, Tamil Nadu

Sep. 2018 – May 2022