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Profile

Backend Technical Lead and Full-Stack Developer with 4+ years of experience designing, developing, and scaling enterprise-grade applications using ASP.NET Core, C#, PostgreSQL, and SQL Server. Experienced in building microservice-based architectures, designing secure RESTful APIs, implementing CI/CD pipelines, and leading development teams through the complete software development lifecycle. Strong background in e-commerce, education technology, and SaaS platforms with expertise in clean architecture, distributed systems, performance optimization, database design, and cloud-ready applications. Passionate about building scalable backend solutions, mentoring developers, and driving engineering best practices.

Education

Bachelor in computer science – City university

Experiences

Backend Technical Lead / Senior .NET Developer -- Nawaah Company | *jan-2025 -- Present*

- Architected and maintained microservice-based backend systems using **ASP.NET Core** and **PostgreSQL**.
- Architected distributed services using **Clean Architecture, DDD, and Onion Architecture**, ensuring maintainability, service isolation, and scalability
- Optimized **PostgreSQL queries, indexing strategies, and transaction handling**, improving API response times and database performance.
- Implemented **secure authentication and authorization** using **JWT, refresh tokens, RBAC, and policybased access control** for sensitive endpoint
- Applied backend security best practices including **rate limiting, input validation, audit logging, secret management, and secure API middleware pipeline**
- Created comprehensive **API documentation** using OpenAPI/Swagger and technical documentation for internal development teams
- Improved system reliability through **distributed tracing, centralized logging, health checks, retry policies, and performance monitoring**
- Designed automated testing strategies including unit and integration testing to improve service reliability and maintainability.
- Participated in infrastructure planning and deployment automation using Azure DevOps pipelines.

- Led backend development activities, mentoring junior developers and enforcing coding standards, architecture guidelines, and code review practices.
- Collaborated closely with **DevOps** teams to support containerized deployments and **CI/CD** workflows.

Full stack web developer — Nawaah Company | *Feb-2024 to jan-2025*

Frontend & full-stack responsibilities with leadership focus

- Collaborated closely with frontend teams to align UI/UX with backend APIs.
- Oversaw frontend architecture for multiple web apps using **React, Angular, and Next.js**.
- Ensured consistent UI patterns, responsive layouts, reusable components, and accessibility standards.
- Mentored junior developers on **React, TypeScript**, clean code, and frontend best practices.
- Backend development using supabase platform.
- Implemented CI/CD pipelines on Azure DevOps for automated builds and deployments.
- Conducted system monitoring and performance analysis to ensure reliability and scalability.
- Contributed to performance optimization, reducing load time and improving Lighthouse scores. Junior full stack web developer — Coding for While *Jan-2023 to Feb-2024*

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- Developed responsive web interfaces using **Angular**, applying reusable components and services.
 - Integrated real-time features with Firebase and improved user experience across devices.
 - Participated in UI/UX design discussions, performing frontend-focused debugging and optimization.

Collaborated in Agile teams and contributed to code reviews and clean coding standards.

Projects

Securecy — Security industrirs Platform — *securecy.com | app.securecy.com*

Securecy enables real-time alarm response dispatching, with full GPS tracking, time-on-site verification, and photo-verified incident logs. Whether using your in-house team or trusted subcontractors, each response is tracked from the moment of dispatch to completion, with outcomes logged instantly. Clients can view job status, reports, and supporting evidence via the Securecy portal - ensuring rapid, transparent, and compliant alarm response coverage every time.

- Led backend modernization and migration initiatives for a legacy PHP/MySQL platform containing over 450 database tables.
- Participated in architecture design and implementation of a phased migration from a monolithic system to service-oriented applications using Laravel and ASP.NET Core.
- Designed and implemented data migration and synchronization processes from MySQL to PostgreSQL, reducing the schema complexity from approximately 450 tables to around 110 optimized tables while preserving business functionality and data integrity.
- Developed backend services using Laravel and ASP.NET Core following clean architecture principles and scalable service-oriented design.
- Designed CI/CD pipelines to automate build, deployment, testing, and release processes across multiple environments.
- Provisioned and maintained four isolated environments (Development, Pilot, Staging, and Production) to support the complete software delivery lifecycle.
- Implemented database replication and synchronization mechanisms from the production MySQL master database hosted on cPanel infrastructure to dedicated application servers.
- Designed automated data refresh processes to synchronize replicated databases every 24 hours across environments.
- Optimized PostgreSQL database structure, relationships, indexing strategies, and query performance for improved scalability and maintainability.
- Collaborated with infrastructure and DevOps teams to manage deployments, environment configurations, and application monitoring
- Led and mentored junior backend developers, conducting code reviews, technical planning sessions, and architecture discussions.
- Produced technical documentation covering database migration strategies, backend services, deployment workflows, and system architecture.
- Contributed to system scalability, maintainability, and modernization efforts supporting future microservice adoption.

Ilim ve Irfan (Turkish Company) — Education system (online learning with school system) Online

learning + school system for students, teachers, and administrators

- Designed and optimized **PostgreSQL schemas** with **Row-Level Security (RLS)** to enforce **multi-branch data isolation** and secure tenant separation.
- Implemented **fine-grained RBAC and permission systems**, enabling dynamic feature access across roles and branches.
- Built scalable backend modules for **courses, scheduling, attendance, progress tracking, and administrative workflows**.
- Developed secure REST APIs and integrated them with **Next.js and Flutter clients**.

- Improved large dataset performance through **query optimization, indexing, and pagination strategies**.
- Applied clean architecture principles to ensure maintainability and future microservice expansion.

Dine.ai menu — *Restaurant Ordering Platform*

dineai.nawaah.org

admin.dineai.nawaah.org

Client ordering + admin management system

- Designed backend data models and API workflows for **dynamic menus, carts, order lifecycle, and realtime order updates**.
- Integrated **Supabase authentication, RLS policies, and realtime subscriptions** for secure multi-role access.
- Built backend logic for **order status transitions, admin controls, and customer session handling**.
- Improved data consistency and performance for live ordering operations using optimized PostgreSQL queries.
- Integrated AI chatbot workflows into the platform to support customer interaction and ordering assistance.

Fyuze — *Influencer Marketing AI Platform*

AI-powered influencer discovery and validation system

- Developed backend services to process **real-time scraped influencer datasets**, normalize data, and expose structured APIs.
- Built secure pipelines for **data validation, deduplication, and scoring logic**.
- Designed database structures optimized for **large-scale profile indexing and search filtering**.
- Integrated AI agent workflows to automate influencer qualification and recommendation logic.
- Improved response speed through optimized query patterns and backend caching strategies.

Yaghi Store — E-commerce system with full management

<https://www.yaghistore.com/>

- Designed and implemented scalable **backend architecture supporting products, inventory, orders, payments, shipping workflows, promotions, and administrative operations**
- Developed secure **RESTful APIs** for web and mobile e-commerce applications.
- Implemented **role-based authorization, order management workflows, and inventory synchronization processes**.
- Managed deployment and backend infrastructure using **Supabase with secure policy-based data access**.
- Optimized database queries and product search capabilities to improve customer experience and platform responsiveness.

- Supported business growth through scalable architecture and performance optimization strategies.
- Collaborated with stakeholders to translate business requirements into backend solutions.

Madina Link — Subscription & Utility Management System Water, electricity, and internet subscription tracking

- Built backend services using **ASP.NET Core, EF Core, and SQL Server/PostgreSQL patterns** for subscription lifecycle and consumption tracking.
- Reduced query execution time by **40%** through **query shaping, indexing, projection, and split query optimization**.
- Designed APIs for **billing cycles, usage analytics, payment status, and notification workflows**.
- Implemented secure access control for customers, field operators, and administrators.
- Structured the backend using **modular architecture principles** for maintainability and scalability.

Hascointl

www.dashboard.hascointl.com.au

www.hasco-intl.com.au

- Developed Angular-based frontend with engaging UI/UX.
- Implemented backend with Strapi (headless CMS) for secure and scalable content management.
- Deployed end-to-end to production, handling hosting and domain configuration.

Skills

Languages: C# ,Java, SQL, JavaScript, TypeScript, HTML, CSS/SCSS, Dart, C++, C, Assembly.

Frameworks and tools:

1-Backend:

- ASP.NET Core, C#
- Laravel (PHP)
- Entity Framework Core
- RESTful APIs Design & Development
- Microservices Architecture
- Service-Oriented Architecture (SOA)
- Clean Architecture
- Onion Architecture

- Domain driven design (DDD)
- Unit Testing, Integration Testing, Test-Driven Development (TDD)
- Dependency Injection, SOLID Principles
- Authentication & Authorization (JWT, RBAC)
- OpenAPI / Swagger Documentation
- Background Jobs & Scheduled Tasks
- Secure Coding Practices
- API Versioning
- Integration Testing
- Performance Optimization

2-Frontend:

- React.js, Next.js, Angular, Flutter
- TypeScript, JavaScript, Tailwind, Bootstrap, SCSS
- Responsive design, reusable components, and state management

3-Database:

- React.js, Next.js, Angular, Flutter
- TypeScript, JavaScript, Tailwind, Bootstrap, SCSS
- Responsive design, reusable components, and state management
- Database Design & Architecture
- Relational Database Modeling
- Database Migration (MySQL → PostgreSQL)
- Database Replication
- Data Synchronization
- Schema Optimization
- Query Optimization
- Indexing Strategies
- Transaction Management
- Performance Tuning
- Data Integrity & Consistency
- Row-Level Security (RLS)
- Role-Based Access Control (RBAC)
- Multi-Tenant Database Design
- Large-Scale Data Migration

- Backup & Recovery Strategies
- Stored Procedures & Functions
- Database Monitoring & Maintenance

5-DevOps & Cloud

- Azure DevOps
- CI/CD Pipeline Design & Implementation
- GitHub Actions
- Git
- GitHub
- Azure DevOps Repositories
- Linux Server Administration
- Application Deployment
- Environment Management
- Deployment Automation
- Infrastructure Configuration
- Production Release Management
- Multi-Environment Architecture (Development, Pilot, Staging, Production)
- Server Provisioning
- Database Replication Infrastructure
- Monitoring & Logging
- Health Checks & System Monitoring
- Distributed Tracing
- Performance Monitoring
- Rollback Strategies
- Secure Secrets Management
- IIS Hosting
- Nginx Configuration
- cPanel Administration
- Docker (Basic/Familiar)

6-Technical Environment:

Languages: C#, Java, JavaScript, TypeScript, Dart, SQL, HTML, CSS/SCSS, C++, C.

Frameworks: .NET Core, EF Core, Spring Boot, Angular, React, Next.js, Flutter.

Tools: Visual Studio, IntelliJ IDEA, DataGrip, VS Code, SSMS, Azure DevOps.

Databases: SQL Server, PostgreSQL, Supabase, Firebase.

Version Control: Git, GitHub, Azure DevOps Repos.

Languages

- **Arabic:** Native
- **English:** Proficient
- **French:** Intermediate