

EDEN MOR

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BACKEND AND MOBILE APP DEVELOPER

Backend Development | Mobile Development | System Design | API Integration

- Skilled in optimizing data retrieval and validation using **LINQ**, **Redis**, and **FluentValidation**.
- Building **microservice** backends with **REST** and **gRPC**, **.NET Aspire** orchestration, and *cloud and containerized deployment*.
- Experienced in mobile app development with **.NET MAUI** and **Xamarin.Forms**, including full project lifecycle from concept to deployment, Shipping **.NET MAUI** apps using **Blazor hybrid** for UI.

PROFESSIONAL EXPERIENCE

360 Training | Remote

Aug 2025 – Present

Backend Engineer

Ready Training Online was acquired by 360 Training; continued in the combined organization with primary focus on 360 Training.

Backend engineer owning **microservice** APIs and data layers for 360 Training, delivering **REST/gRPC** services, performance and security fixes (including authorization/data-scoping), and platform integrations via **Azure Service Bus**, **MassTransit**, and containerized Azure deployments.

- Build and evolve **microservices** with **.NET Aspire**, owning **REST APIs** and **gRPC** for *internal service-to-service* communication.
- Ship **OpenAPI/Swagger** (code-first), pagination, filtering, sorting, caching, **RBAC**, **API keys**, middleware, validation, and parallel/async patterns where appropriate.
- Work daily across **APIs**, data models, and **SQL**: **CQRS**-style layering, repository pattern, built-in **Dependency Injection**, **EF Core**, **LINQ**, **raw SQL**, stored procedures, indexes, bulk operations, and soft deletes on **SQL Server**.
- Implement **Azure Cosmos DB** storage for logging data collected across the platform, with **LINQ**-driven search and sort while keeping the **logging query API backward-compatible** for existing consumers.
- Improved relational performance by refactoring query and indexing patterns, reducing a critical query from **~30 seconds to ~100 milliseconds**.
- Strengthened **security and data isolation** by identifying and remediating flaws that could have allowed cross-user data access, tightening authorization and data-scoping behavior *end to end*.
- Improved **maintainability** by refactoring *duplicated logic* across parallel files and paths; collaborated with **business analysts** and used deep system knowledge to surface **edge cases** and workflow gaps **QA** had not exercised.
- Use **Azure Service Bus** and **MassTransit** for microservice messaging: *fire-and-forget* work, *request/reply* flows, and messages that create or update records (including **dependent data**) across service boundaries, paired with **background workers** where needed.
- Operate on **Azure App Service** and **Docker**; contribute within existing **Azure Pipelines** and **GitHub Actions** release workflows.
- Author **unit tests (Moq)**, maintain **Postman** collections, review **PRs**, estimate work, and ship backward-compatible changes; integrate **file APIs** and reused email systems with **retry** and resilience patterns.

READY TRAINING ONLINE | Remote

Aug 2021 – Aug 2025

Backend and Mobile Developer

Principal developer for the mobile app project, handling all aspects of frontend development with **.NET MAUI (C#)** and backend development using **VB.NET**, **SOAP** and **REST**, overseeing the entire project solo from start to finish.

- Solely designed and developed a cross-platform mobile app from concept to deployment using **.NET MAUI (MVVM)**, deep linking).
- Built **ASP.NET Core REST APIs** with **EF Core** for secure, efficient data access; used **FluentValidation** where requirements called for richer rules.
- Used **LINQ** and **raw SQL** for data transformation, querying, aggregation, and performance-sensitive paths.
- Programmed **VB.NET** services for data exchange between web and mobile systems.
- Integrated **SCORM** and video modules for certified training workflows.
- Created reusable custom controls and platform-specific renderers for **iOS** and **Android**.

- Implemented **Redis**-backed session sharing, session-based authentication, and refresh token flows; ported web-based **Okta SSO** to a mobile-compatible sign-in experience on **Xamarin.Forms**.
- Deployed and supported application components on **IIS** with **async/await**, **retry mechanisms**, and resilient integrations (including reusing existing email systems).
- Used **Azure DevOps** and **Jira** for tasks, bug tracking, and QA documentation in an **Agile** environment.
- Integrated **App Center** and **New Relic** for automated crash reporting and analytics.
- Applied **dependency injection** for modular, maintainable **.NET** systems.
- Gathered requirements, estimated work, used feature branching and **PR** reviews (including merge conflict resolution), and prioritized *backward compatibility* for releases.

Military (Air-Force) | Palmachim, Israel

Nov 2018 - Jul 2021

Lab Technician - Testing Equipment Specialist

Partnered with designers to implement custom web-based simulations for client review.

- Performed routine checkups on systems, fixing any issues as they arose.
- Created an onboarding process for new soldiers on *equipment testing procedures*.

READY TRAINING ONLINE | Remote

Feb 2016 - Nov 2018

Quality Assurance

Worked as an alpha and beta tester, collaborating closely with the development team to ensure the quality and functionality of software releases.

- Tested software releases alongside the development team.
- Created *Product Requirement Documents* for new features and systems.
- Investigated, documented, and tracked issues and bugs.
- Demonstrated strong *problem-solving* and *creative thinking*.

TECHNICAL EXPERTISE

Languages & frameworks: C#, VB.NET, ASP.NET Core, .NET MAUI (Blazor hybrid), Xamarin.Forms, XAML, HTML, JSON, .NET reflection (targeted)

APIs & messaging: REST, gRPC, SOAP, OpenAPI/Swagger (code-first), Web Sockets, file APIs, microservices, .NET Aspire, Azure Service Bus, MassTransit, background workers

Databases & ORM: MS SQL Server (SSMS, stored procedures, indexes, bulk operations, soft deletes), PostgreSQL, Entity Framework Core (EF Core), Redis, Azure Cosmos DB, LINQ, raw SQL, transactions

Cloud & infrastructure: Azure App Service, Docker, Docker Compose, Azure DevOps, Azure Pipelines, GitHub Actions, IIS, Linux (Ubuntu), Windows Server, Linux VPS, Traefik, Docker secrets (personal projects)

Architecture & security: CQRS, repository pattern, layered services, MVVM, dependency injection, RBAC, API keys, session auth, refresh tokens, SSO (Okta), encryption, middleware, async/await, parallel processing

Quality & delivery: Unit testing (Moq), Postman, FluentValidation, .NET validation, SCORM integration, requirements gathering, estimation, feature branching, PR reviews, merge conflict resolution, backward compatibility

Tools & platforms: Visual Studio, Redis Insight, Jira, Axosoft, App Center, New Relic, T4 text templates, Git, GitHub

Other: Agile, Agile/Scrum, iOS/Android platform renderers, deep linking, training/LMS-style integrations

EDUCATION

B.Sc. in Computer Science Open University Israel | Currently Enrolled