İsmail Ünal

Senior Software Developer | .NET Core · PHP/Laravel · Flutter

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SUMMARY

Software developer with 14+ years of experience. At Gaziantep Metropolitan Municipality, I led a team of 9–15 developers and designed the architecture and codebase of systems running public services for a city of 2.2 million. Currently building cloud ERP modules on a .NET Core microservices architecture at Akınsoft. Experienced in taking web, mobile and distributed products from design to production.

TECHNICAL SKILLS

- **Backend:** .NET Core, ASP.NET Core (Web API), C#, PHP 8, Laravel, Node.js, REST APIs
- **Mobile & Web:** Flutter (Riverpod, GetX), Dart, React, Vue.js, TypeScript, JavaScript
- **Architecture:** OOP, Microservices, DDD, Clean Architecture, Multi-tenancy
- **Messaging:** RabbitMQ, Kafka
- **Data & Search:** SQL (PostgreSQL, MySQL, MSSQL), Redis, Entity Framework Core (EF Core), Dapper, Firebase, Elasticsearch, Algolia
- **DevOps & Cloud:** Git, Docker, Kubernetes, CI/CD, Grafana, AWS, Azure, Google Cloud
- **Real-time:** WebRTC, Socket.io
- **Testing & Quality:** PHPUnit, PestPHP, PHPStan
- **AI:** LLM integration, RAG, AI-assisted development (Cursor, Claude Code)

EXPERIENCE

Senior Software Developer
10/2024 – Present

Akınsoft Software — Remote

WolvoxCloud cloud ERP; 8-person cloud team (40 developers company-wide)

- Develop the general accounting, pre-accounting and statutory ledger modules of WolvoxCloud.
- Work within a .NET Core microservices architecture (DDD, Clean Architecture); modules communicate via RabbitMQ and Kafka, using PostgreSQL, EF Core, Dapper and Redis in the data layer.
- Build modules for a multi-tenant platform integrated with Türkiye's e-Invoice, e-Archive, e-Despatch and e-Ledger systems.
- Services are deployed on Docker and Kubernetes through CI/CD and monitored with Grafana.

Software Manager
02/2020 – 08/2024

Gaziantep Metropolitan Municipality — Gaziantep

- Led a 9–15 person software team; designed system architectures and core codebases, then handed ongoing development to the team (PHP/Laravel, Flutter, MySQL, Redis).
- Ran the team with Agile/Scrum; managed work in Jira, conducted code reviews, and hired and mentored developers.
- **Pandemic Monitoring System (Pandemi Elçisi):** Tracked 200K+ isolation records city-wide; built a mobile app for field teams.
- **Closed-Loop Payment System (GaziBel Kart):** NFC card and QR code payments on smart POS devices, averaging over $1M in monthly transaction volume, with a companion mobile app (App Store / Google Play). Built open-source Flutter plugins for NFC reading and receipt printing.
- **Online Exam System (E-Sınav):** Online exam platform taken by 75K+ students at the same time.
- **Border Crossing & Humanitarian Aid:** Migrant border-gate crossing system (5M+ crossings); aid tracking system managing distribution to 600K+ people affected by war and disaster.
- **Accessible Video Support (Engelsiz Saat):** WebRTC-based web and mobile video call center with sign-language support for citizens with disabilities.
- **Other systems:** Payment kiosk for taxes and municipal fees ("municipal ATM"), Communication & Coordination Center app (İKOM, Flutter), call center analytics, GIS, city crisis early warning, personnel attendance tracking (PDKS), fleet management, procurement workflow, tourist guide app, warehouse inventory tracking.
- **Secondment (02/2022 – 08/2024):** Gaziantep Provincial Police Department, under the municipality's Electronic Traffic Enforcement (EDS) protocol: speed corridor, red-light and mobile illegal-parking violation systems; National Vehicle Inspection System.

Senior Flutter Developer (Freelance) 07/2022 – 10/2023
Omnicourse Remote (Germany / USA)

- As one of a two-person team, built nearly the entire iOS and Android app of a subscription-based audio learning platform (courses, podcasts, e-books and 5–15 minute Learnbites) with Flutter.

Senior Software Developer (Freelance) 07/2019 – 06/2021
CounselHero Remote (USA)

- Developed a career and academic counseling app with Laravel that lets school counselors, mentors and parents track student progress.
- Video template and rendering platform: Laravel API, Stripe subscriptions, AWS S3, FFmpeg and a Node.js rendering service.

Senior Software Engineer 10/2018 – 02/2020
Limonist R&D Gaziantep

Farmasi CRM (video training, advertising, analytics), ERP process management, dues tracking and IoT building control, on-duty pharmacy system covering all regions of Northern Cyprus, pre-accounting and tax applications.

Software Team Lead 06/2014 – 10/2018
Akınsoft Software Konya

Led a 4–8 person team. E-commerce infrastructure powering 700+ websites; online food ordering (Rezzta), live support, hotel management and cloud car rental systems.

Web Developer 06/2012 – 06/2014
Lal Grup Software Karaman

Corporate websites and tracking applications.

PROJECTS

Miyuva (miyuva.app) 03/2026 – Present
Founder & Developer

AI-powered mobile app and web platform for pet owners; designed and launched from scratch, live on the App Store, Google Play and the web.

- Built the mobile app with Flutter (83 screens), the web app with React + TypeScript, and the API with Laravel 13 (177 endpoints) and PostgreSQL.
- AI features: RAG-based chat and photo analysis with Azure AI; Telegram and WhatsApp bots.
- Integrated payments (PayTR), subscriptions (RevenueCat) and notifications (OneSignal); 3 languages (TR, EN, AR); automated testing in CI.

EDUCATION

Gaziantep University 2020 – 2021
Non-Thesis Master's in Management Information Systems

Anadolu University 2015 – 2020
Bachelor's in Business Administration

Karamanoğlu Mehmetbey University 2012 – 2014
Associate Degree in Computer Programming

VOLUNTEERING

- LÖSEV (Foundation for Children with Leukemia), Senior Volunteer | 01/2020 – Present
- AFAD (Disaster and Emergency Management Authority), Application Developer (Volunteer) | 01/2022 – 08/2024
- TEMA Foundation, Student Volunteer | 2013 – 2017

LANGUAGES

- Turkish: Native (C2)
- English: Intermediate (B1)

ADDITIONAL INFORMATION

Military service: Completed. References available upon request.