

Ümit Yasin Çoban

Full-Stack & Mobile Developer

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PROFESSIONAL SUMMARY

Full-Stack & Mobile Developer with 4+ years of professional experience building production mobile applications, web platforms, backend services, browser automation systems, and e-commerce solutions. Strong expertise in Java and Spring Boot, supported by hands-on product development with React Native, React, TypeScript, NestJS, PostgreSQL, AWS, and modern AI integrations. Experienced in maintaining legacy Java 8 and JSP systems as well as designing modern Java 21 and Java 25 microservices using Spring AI, virtual threads, message queues, webhooks, and the Outbox Pattern.

TECHNICAL SKILLS

Primary: Java, Spring Boot, React Native, React, TypeScript, PostgreSQL

Backend & Architecture: Spring AI, NestJS, Node.js, REST APIs, GraphQL, Microservices, Hibernate, Spring Data JPA, JDBC, Outbox Pattern, Message Queues, Webhooks, Virtual Threads

Frontend & Mobile: Expo, Next.js, Angular, Angular Material, Redux Toolkit, Tailwind CSS, JSP, jQuery, Unity, C#

AI, Automation & Scraping: OpenAI API, Structured Outputs, Spring AI, Browser Automation, Jsoup, HTML Parsing, Web Scraping, Unipile, LinkedIn Automation

Cloud & DevOps: Docker, Docker Compose, AWS ECS, AWS S3, GitHub Actions, GitLab CI/CD

Databases & Platforms: PostgreSQL, MySQL, MSSQL, Magento 2, Chrome Extensions, Firebase

Integrations: Stripe, PayPal, Twilio, Firebase Cloud Messaging, AdMob, IYS API, Tarjama API, BigBuy API, NextAuth, JWT, OAuth2, WebSockets

PROFESSIONAL EXPERIENCE

Software Developer

2022-06 - Present

Popleads, Türkiye

Developing and maintaining production mobile applications, backend services, web platforms, browser automation systems, CRM products, and e-commerce solutions across modern and legacy technology stacks.

- Design and develop backend services, REST APIs, and integration workflows using Java 8-25, Spring Boot, Spring AI, NestJS, PostgreSQL, and MySQL.
- Build and maintain mobile and web applications using React Native, React, Angular, JSP, jQuery, and company-specific Java frameworks.
- Developed an AI-powered LinkedIn automation service using Java 25, Spring Boot, Spring AI, OpenAI structured outputs, Unipile, browser automation, and Jsoup.
- Implemented reliable asynchronous processing using message queues, the Outbox Pattern, schedulers, webhooks, and virtual threads.
- Developed cloud-based e-commerce and loyalty services for an international business partner using NestJS, PostgreSQL, Docker, and AWS.
- Built and maintained Chrome Extension Manifest V3 functionality including service workers, content scripts, Chrome APIs, scraping workflows, permissions, UI components, and CRM integrations.
- Worked across both legacy Java 8 and JSP systems and modern Java 21-25 Spring Boot microservices.

Technologies: Java 8-25, Spring Boot, Spring AI, React Native, React, Angular, NestJS, PostgreSQL, MySQL, AWS, Docker, OpenAI, Jsoup

Software Developer

2022-04 - 2022-05

Alsay Bilgi Teknolojileri, İstanbul, Türkiye

Supported software development, business process analysis, requirements gathering, workflow documentation, and technical specification preparation.

- Analyzed business requirements and existing operational processes.
- Prepared workflow documentation and technical specifications.
- Supported software development and API-related activities.
- Collaborated with business and technical stakeholders during requirement analysis.

Technologies: Software Development, REST APIs, Business Analysis, Requirements Analysis

SELECTED PROJECTS

L3RN Tech Social Account Service (Popleads)

AI-powered LinkedIn automation and social account processing service built with modern Java and Spring technologies.

- Developed the service using Java 25, Spring Boot, Spring AI, and OpenAI.
- Implemented structured outputs to transform AI responses into reliable schema-based application data.
- Integrated LinkedIn workflows through Unipile.
- Built browser automation flows for dynamic page interactions and automated account operations.

Technologies: Java 25, Spring Boot, Spring AI, OpenAI, Structured Outputs, Unipile, LinkedIn, Browser Automation, Jsoup, Outbox Pattern, Message Queues, Webhooks, Virtual Threads

L3RN Tech Translation Service (Popleads)

Java 21 Spring Boot microservice providing reusable translation capabilities through the Tarjama API.

- Designed and developed a translation microservice using Java 21 and Spring Boot.
- Integrated the Tarjama API for translation workflows.
- Implemented reusable service orchestration, error handling, and external API communication.

Technologies: Java 21, Spring Boot, Microservices, Tarjama API, REST APIs

Competitive Sudoku (Personal Project)

Cross-platform competitive Sudoku application published on mobile application stores with more than 10,000 downloads.

- Designed, developed, and published the application using React Native, Expo, and TypeScript.
- Built the supporting backend services using Spring Boot and a maintainable backend architecture.
- Implemented five difficulty levels, leaderboards, smart hints, notes, conflict detection, and timer functionality.
- Added multilingual support for English, Turkish, and Japanese.

Technologies: React Native, Expo, TypeScript, Spring Boot, Firebase, AdMob, React Navigation

Neon Orbit (Personal Project)

Unity-based mobile game published on Google Play with supporting backend and web components.

- Designed and developed the mobile game using Unity and C#.
- Published and maintained the application on Google Play.
- Built supporting backend services using Spring Boot.
- Developed the product's supporting web pages and related components.

Technologies: Unity, C#, Spring Boot, REST APIs, Mobile Development

Krafttausch (Popleads)

Cloud-based e-commerce and loyalty platform developed for a Swiss business partner.

- Developed backend services using NestJS and GraphQL.
- Implemented PostgreSQL-based business workflows and data models.
- Integrated Stripe payments and subscription workflows.
- Integrated Twilio SMS and Firebase Cloud Messaging.

Technologies: NestJS, GraphQL, PostgreSQL, Docker, AWS ECS, AWS S3, Stripe, Twilio, Firebase

İzinver (Popleads)

Enterprise permission and consent management system compliant with Türkiye's IYS regulations.

- Developed backend services using Java 11 and Spring Boot.
- Implemented REST APIs, consent workflows, JWT authentication, and IYS integrations.
- Contributed to Angular and Angular Material frontend development and maintenance.
- Supported SMS notification and administrative dashboard workflows.

Technologies: Java 11, Spring Boot, REST APIs, Angular, Angular Material, JWT, MySQL, IYS API

Popleads Chrome Extension (Popleads)

CRM-integrated Chrome extension using Manifest V3, browser APIs, UI components, and scraping workflows.

- Developed and maintained Chrome Extension Manifest V3 functionality.
- Implemented content scripts, background service workers, permissions, and Chrome API integrations.
- Built UI components and data extraction workflows.
- Implemented scraping and CRM integration processes.

Technologies: Chrome Extensions, Manifest V3, JavaScript, HTML, CSS, Browser APIs, Web Scraping

ADDITIONAL PROJECT EXPERIENCE

Popleads CRM

Full-stack CRM platform built on the company's proprietary Java 8 framework.

Technologies: Java 8, JSP, jQuery, JDBC, MySQL, REST APIs

Mytoz

Gamified reward and e-commerce platform built on the company's Java 8 framework.

Technologies: Java 8, JSP, jQuery, JDBC, MySQL, PayPal, BigBuy, AdMob

Sütaş Neşeli Eğlenceli

Consumer-facing full-stack web platform with backend services and mobile platform support.

Technologies: Java, JSP, jQuery, HTML, CSS, MySQL

Gübretaş

Corporate full-stack platform with Java backend, JSP interfaces, and integration support for an external PHP-based content or commerce platform.

Technologies: Java, JSP, jQuery, MySQL, PHP Platform Integration

Akbal Market

Magento 2-based e-commerce platform with customizations and user-experience improvements.

Technologies: Magento 2, PHP, HTML, CSS, jQuery

EDUCATION

Master of Science, Veterinary Biochemistry

Selçuk University, 2019 - 2024

Associate Degree, Computer Programming

Atatürk University, 2020 - 2022 | GPA: 3.54

Bachelor of Science, Biotechnology

Necmettin Erbakan University, 2015 - 2019

CERTIFICATIONS

React - The Complete Guide

Udemy

Java OOP (Object-Oriented Programming)

C and System Programmers Association

Database Programming - MSSQL, PostgreSQL, Oracle

C and System Programmers Association

Java Application Development I

C and System Programmers Association

LANGUAGES

Turkish: Native

English: Intermediate - technical reading and written communication; actively improving speaking skills