

Yunus İlgün — CV (English, UK format)

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Profile

Computer engineer with 15 years of experience in e-commerce, technology and digital marketing, and a software engineering career since 2017, now focused on backend engineering in Java (Spring Boot) and Python. Builds REST APIs and microservices on PostgreSQL, with an emphasis on clean, maintainable code and clear technical coordination. Currently working freelance on AI data annotation and evaluation while studying for an MSc in Artificial Intelligence. Seeking backend or platform engineering roles in the UK.

Experience

AI Data Annotation and Evaluation (freelance, part-time, remote) — Alignerr · 2026 – Present

- Label and evaluate AI training data against detailed guidelines, with a focus on accuracy, consistency and low rework rates.
- Projects: HeavyAdvantage (AI-assisted, sector-specific text); Prometheus (systems-engineering content production, completed 2026).

E-commerce Entrepreneur — İzmir · 2010 – 2022

- Led digital transformation and marketplace operations for an e-commerce business.

Product Manager, Software Marketing — Mobile Application Ecosystem · 2017 – 2019

- Managed the product lifecycle within a mobile application ecosystem.

Java Mobile Application Developer and Backend Test Analyst (remote) — GoodBarber · 2017 – 2018

- Developed Java-based mobile application components and tested backend software.
- Developed my own mobile application.

Education

MSc Artificial Intelligence (in progress) — Global College of America, online · 2026 – present

BSc Computer Engineering — International Dublin University, online · 2024 – 2026

Certifications and training

- Ethical Hacking (White Hat Hacker) — PGA Academy, 2024 – 2025
- Cyber Security Specialist programme — PGA Academy, 2024 – 2025
- CS50: Introduction to Computer Science — Harvard (HarvardX), 2026

Projects

All on GitHub: github.com/endlessloop88

- **TicketFlow** (senior Java backend architecture challenge): scalable, high-traffic ticket-booking system in Java 21 and Spring Boot. Uses Redis/Redisson distributed locking to prevent double bookings and Java 21 virtual threads for I/O.
- **Modupay microservices**: Order Service (Spring Boot) for order creation and tracking, and an API Gateway (Spring Cloud Gateway) as the single entry point, both registered with Eureka for dynamic service discovery.
- **Todo Management API**: RESTful design with Spring Boot and PostgreSQL.
- **Patent Agent backend** (Java).
- **smart-text-analyzer** (Python): command-line tool that analyses text files, extracts key data with regular expressions and reports in JSON and TXT.
- **TempoCraft** (Python, Tkinter): desktop studio metronome for drummers with precise timing and customisable output.
- **Portfolio website** (my-portfolio-4okz.vercel.app): Next.js, TypeScript, Tailwind CSS, Supabase authentication with row-level security, deployed on Vercel; built with AI-assisted coding.

Skills and languages

Programming: Java, Python, C#, C++

Frameworks: Spring Boot, Spring Data JPA, Hibernate, Spring Cloud (Gateway, Eureka), REST APIs

Data and tools: PostgreSQL, SQL, Redis, Git and GitHub, Agile/Scrum

Spoken languages: Turkish (native); English (approaching B2; technical documentation reading)

Interests: professional drummer and private drum teacher.