

Esra Koyunoglu

Ankara, Türkiye | esra.koyunoglu@outlook.com | +90 554 861 7580 | esrakoyunoglu.com

linkedin.com/in/esrakoyunoglu | github.com/esrakabakbas

Objective

I'm a Software Engineer driven by impact. As a reliable part of high-performance teams, I design scalable, resilient systems with clean, future-proof code — not just to ship features, but to build long-term value. To make the interview process more efficient and transparent, I've shared my work style and mindset openly on my website.

Education

Hacettepe University, BSc in Computer Science
Ankara, Türkiye

Aug 2017 – June 2021

Experience

Senior Software Engineer, SESTEK – Ankara, Türkiye

Nov 2023 – Present

- Promoted to Senior Software Developer in Jun 2025 based on performance, while continuing to core development efforts.
- Designed and implemented new real-time and offline integration modules from scratch.
- Migrated internal communication between services (Interpreter, Dumper, Raw Call Provider) from HTTP to WebSocket, improving performance and real-time reliability.
- Developed asynchronous and fault-tolerant pipelines using RabbitMQ.
- **Technologies used:** .Net6, .Net8, Abp, RabbitMQ, MinIO, AWS, Redis, Kibana, Jenkins

Software Engineer, Datateam Software Technologies – Ankara, Türkiye

June 2021 – Oct 2023

- Developed data processing and visualization tools for law enforcement and financial crime tracking platforms.
- By refactoring an old module with complex logic on my own initiative, I reduce the complexity of the code and improve maintainability. Introduced multi-language support across the entire application from scratch.
- Redesigned the projects all interface for a cleaner and more modern user experience.
- **Technologies used:** VueJS, VivaGraph, D3, .Net, PostgreSQL, Oracle, MsSQL, Git, npm

Part-Time Software Engineer, Datateam Software Technologies – Ankara, Türkiye

Oct 2020 - Mar 2021

- Contributed to the development of ThothBI, a business intelligence platform used by banks.
- Resolved issues of the product sold to banks and enhanced its performance by adding new features
- **Technologies used:** AngularJS, ReactJS, Node.js, D3.js, Npm, SourceTree, Scrum

Projects

My Website | Github

- I created a prompt-based React project using Cursor AI supported by the Large Language Model (LLM). I Dockerized it and hosted it on AWS.

Bookland – Online Bookstore App | Java, Flutter

- Developed a cross-platform bookstore application enabling users to search, browse, and order books.

Skin Cancer System | Python

- Built an image classification system to detect skin cancer with 88% accuracy using a convolutional neural network (CNN) on labeled medical image data.

Technologies

Backend Messaging: .NET Core, Node.js, ABP, RabbitMQ, Redis, MinIO, RESTful APIs, WebSocket

Frontend: Vue.js, React, AngularJS, Angular

DevOps Tools: AWS, Jenkins, Git, Npm, Kibana, Docker, Scrum

Database: PostgreSQL, MSSQL, Oracle, Elastic, MongoDB

Languages: Turkish (Native), English (Professional working proficiency)