



ENES KAYA

Software Engineer

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I am a software engineer with over 7 years of experience spanning AI systems, web backend, and embedded software development. My recent work focuses on AI-driven automation and intelligent agent design, building MCP servers, n8n-based AI agents, and custom orchestration pipelines that integrate with OpenAI, Hugging Face, and cloud platforms like AWS.

I specialize in backend development using Python, Flask, and micro service architectures, with a strong command of data engineering workflows leveraging Airflow, AWS Lambda, and Redshift. My foundation in embedded systems includes C++11 on RTOS for surveillance applications and Qt-based GUI tools in the defense industry.

Beyond backend and embedded work, I actively explore mobile app development (Java, Swift, React Native, Flutter), reflecting a deep curiosity for full-stack problem-solving and continuous innovation across platforms. I'm passionate about bridging AI, automation, and scalable software architecture to deliver intelligent, production-ready solutions.

Experience

● Crea Inc / Full-Time Software Engineer - Remote

Jul 2025 - Present
Ankara , Turkey

- **Hansel AI Agent**

AI agents, MCP Servers, Openai_agents, hugging face agents, langChain, langGraph n8n, node.js, python, fastAPI, AWS ElasticBeanstalk, render

● Trendyol / Full-Time Backend Developer

Sep 2024 - Jul 2025
Ankara , Turkey

- **Seller Payment**

Java, Go, Kafka, Debezium, PostgreSQL, Kubernetes, Docker ,Elastic Search, Grafana

● Crea Inc / Full-Time Software Engineer - Remote

Feb 2021 - Sep 2024
San Francisco , USA

- **Twitter Agent (Team Lead)**

Python, Flask, MongoDB, Open AI, Appsmith

- **Cloud Compass (Frontend Developer)**

React.js, Open AI Wrapper, Auth0

- **Tester App (Mobile Developer)**

React Native, Appsflyer, Firebase, AdJoe

- **Flexdue (Frontend Developer)**

React.js, Angular

- **Lemin Captcha (Full Stack Developer)**

Python , Flask , Restful API , Redis , Celery , RabbitMQ , MySQL , CI/CD , Jenkins , Docker , AWS EC2 , AWS ElasticBeanstalk , Graylog , Grafana , ETL , Object Oriented Design , System Architecture , Shopify App Extensions

- **Joe The Juice (Backend Developer).**

Python , Flask , Restful API , AWS Lambda , Redis , Celery , RabbitMQ , Postgres SQL , Redshift , CI/CD , AWS Fargate , AWS ECS , Airflow , Pandas , ETL , Object Oriented Design , Agile , System Architecture , Design Patterns

- **Mobile Action Ad Intelligence (Full Stack Developer).**

Python , Flask , Restful API , Redis , Celery , RabbitMQ , MySQL , CI/CD , Jenkins , Docker , AWS EC2 , Graylog , Grafana , ETL , Object Oriented Design , Agile , System Architecture , Design Patterns

Egemen Tech / Co-founder

Jan 2022 - Aug 2022

Ankara , Turkey

- Software System Design
- Python Web Backend
- Mobile Application Design

Python , Software Design, System Architecture, React Native, Java, Flutter, Websocket

Aselsan / Full-Time Software Engineer

Jun 2019 - Feb 2021

Ankara , Turkey

- Embedded software development for imaging gimbal systems with C++11 in a Linux environment.
- Testing embedded software with debugging tools.
- Simulator/GUI software development with Qt (C++11).
- Scripting, documenting, maintaining, and conducting research.

Python, CI/CD, SQL(MySQL), C++11, C#, Unix Commands, Git, Jenkins, OpenCV, Matlab, Qt, Object Oriented Design, UML, Design Patterns

Aselsan / Part-Time Software Engineer - Internship

Jun 2018 - Jun 2019

Ankara , Turkey

- Embedded software development for imaging gimbal systems with C++11 in a Linux environment.

Python, CI/CD, SQL(MySQL), C++11, C#, Linux Commands, Git, OpenCV, Matlab, Qt

Desistek Robotics / Internship

Jun 2017 - Aug 2017

Ankara , Turkey

- Software system design

C++11

Attent.ai / Internship

Jun 2017 - Aug 2017

San Francisco , USA

- Web developer
- Chrome extensions

JavaScript

Education

Bilkent University

2014 - 2019

Bachelor Degree / Engineering Department / Electronic Electrical Engineering

- GPA : 3.09 / 4.00
- University Placement Exam : 133rd over 2M participants

Language Skills

English

Advanced

Turkish

Native

Websites

Personal Website

- eneskaya96.github.io/eneskaya.github.io/
- linkedin.com/in/m-enes-kaya
- github.com/eneskaya96/