



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
<ul style="list-style-type: none">Hansel AI Agent <i>AI agents, MCP Servers, Openai_agents, hugging face agents, langChain, langGraph n8n, node.js, python, fastAPI, AWS ElasticBeanstalk, render</i>	
● Trendyol / Full-Time Backend Developer	Sep 2024 - Jul 2025 Ankara , Turkey
<ul style="list-style-type: none">Seller Payment <i>Java, Go, Kafka, Debezium, PostgreSQL, Kubernetes, Docker ,Elastic Search, Grafana</i>	
● Crea Inc / Full-Time Software Engineer - Remote	Feb 2021 - Sep 2024 San Francisco , USA
<ul style="list-style-type: none">Twitter Agent (Team Lead) <i>Python, Flask, MongoDB, Open AI, Appsmith</i>Cloud Compass (Frontend Developer) <i>React.js, Open AI Wrapper, Auth0</i>Tester App (Mobile Developer) <i>React Native, Appsflyer, Firebase, AdJoe</i>Flexdue (Frontend Developer) <i>React.js, Angular</i>Lemin Captcha (Full Stack Developer) <i>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</i>Joe The Juice (Backend Developer). <i>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</i>Mobile Action Ad Intelligence (Full Stack Developer). <i>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</i>	

Egemen Tech / Co-founder	Jan 2022 - Aug 2022
	Ankara , Turkey
<ul style="list-style-type: none"> • Software System Design • Python Web Backend • Mobile Application Design <p><i>Python , Software Design, System Architecture, React Native, Java, Flutter, Websocket</i></p>	
Aselsan / Full-Time Software Engineer	Jun 2019 - Feb 2021
	Ankara , Turkey
<ul style="list-style-type: none"> • 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. <p><i>Python, CI/CD, SQL (MySQL), C++11, C#, Unix Commands, Git, Jenkins, OpenCV, Matlab, Qt, Object Oriented Design, UML, Design Patterns</i></p>	
Aselsan / Part-Time Software Engineer - Internship	Jun 2018 - Jun 2019
	Ankara , Turkey
<ul style="list-style-type: none"> • Embedded software development for imaging gimbal systems with C++11 in a Linux environment. <p><i>Python, CI/CD, SQL(MySQL), C++11, C#, Linux Commands, Git, OpenCV, Matlab, Qt</i></p>	
Desistek Robotics / Internship	Jun 2017 - Aug 2017
	Ankara , Turkey
<ul style="list-style-type: none"> • Software system design <p><i>C++11</i></p>	
Attent.ai / Internship	Jun 2017 - Aug 2017
	San Francisco , USA
<ul style="list-style-type: none"> • Web developer • Chrome extensions <p><i>JavaScript</i></p>	

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/