



M. ENES KAYA

Software Engineer

✉ enes.kaya95@hotmail.com

🌐 <https://www.linkedin.com/in/m-enes-kaya/>

☎ +90 (531) 887 52 67

🌐 <https://github.com/eneskaya96>

I am a software engineer with a diverse background encompassing 5 years of experience in both embedded software/Linux application development and web development. My expertise ranges from full stack and embedded systems development in the defense industry to playing significant roles in startup environments. I excel in backend development using Python, Flask for RESTful APIs, and have a robust understanding of microservice architectures, database management, and cloud platforms like AWS. Additionally, I've contributed to data engineering, handling large-scale data processes with technologies like Airflow, AWS Lambda, and Amazon Redshift.

My proficiency extends to embedded systems, where I've worked with C++11 on Real-Time Operating Systems (RTOS) for surveillance systems, and developed GUI applications using Qt. I've also embraced mobile development in my spare time, creating applications on Android and iOS with Java, Swift, React Native, and Flutter. This journey reflects my dedication to continuous learning and contributing to groundbreaking projects across a spectrum of technologies.

Experience

Crea Inc.

Full-Time Software Engineer / Remote

Feb 2021 - Present

📍 San Francisco , USA

- Played key roles in five startup companies, with a primary focus on backend development using Python and Flask for RESTful APIs.
- Specialized in designing and implementing microservice architectures using Celery, and integrating message brokers such as RabbitMQ.
- Proficient in managing databases including MySQL, PostgreSQL, and Redis, and experienced with cloud platforms like AWS, utilizing CI/CD tools such as Jenkins and GitHub workflows.
- Developed UI with React for frontend.
- Gained experience with Heroku, highlighting skills in deploying and managing cloud applications.
- Streamlining ETL processes with Airflow for enhanced efficiency and reliability.
- Performed complex data manipulations using Python libraries like Pandas and NumPy.
- Managed systems processing over 6 million data entries daily, utilizing AWS Lambda and Amazon Redshift, showcasing the ability to handle large-scale data challenges.

Javascript **React** **Angular** **Python** **Flask** **Lambda** **Celery** **RabbitMQ, Stripe** **Restful API** **CI/CD**
Redis **AWS products** **Airflow** **Pandas** **Numyp** **Influx** **Selenium** **SQL(Postgres, MySQL, Reshift)** **ETL**
Jenkins **Heroku** **Github Workflow** **Agile** **Docker** **Graylog** **Grafana** **Microservice** **System Architecture**
Object Oriented Design **UML** **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 AŞ.

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#** **Linux Commands** **Git** **Jenkins** **OpenCV** **Matlab** **Qt**
Object Oriented Design **UML** **Design Patterns**

Aselsan AŞ.

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

Middle East Technical University

Master Degree / Computer Science

2021 - 2022

- GPA : 4.00 / 4.00

Bilkent University

Bachelor Degree / Engineering Department / Electronic Electrical Engineering

2014 - 2019

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

Language Skills

English

Advance

Turkish

Native

Personal Projects

Fortune Teller

https://play.google.com/store/apps/details?id=com.menesek.fortune_telling

Personal Website

<https://www.asendesignandtechnology.com/>