

OKAN KELEŞ

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EDUCATION

Ege University

Expected: June 2025 - Izmir, Turkey

- B.S. in Computer Engineering

WORK EXPERIENCE

Software Engineer Intern Yapı Kredi Teknoloji – DevOps Team

February 2024 – Current

- Developed and maintained application development tools using **Spring Boot, Go, React and PHP**, improving **system efficiency and automation**.
- Built and optimized **CI/CD pipelines** with **Docker, Helm, Kustomize, SonarQube** and **Fortify**, ensuring secure and efficient deployments.
- Managed cloud-native applications with **Kubernetes (AKS, OpenShift), ArgoCD** and **Cloud Foundry**, enhancing scalability and reliability.

Software Engineer Intern Securify Identity

June 2024 – September 2024

- Implemented new features and maintain core services of web application using **.Net, React** and **Next.js**; and worked on back-end and front-end of the company. **Collaborated with cross-functional teams** to design, test, and implement new features that enhance platform functionality.
- Developed various internal tools consist of several micro-services for **improving efficiency and reducing costs** on my own. Mostly used **.Net** for the back-end, **React** for front-end, **Docker** for containerization of the micro-services and **Azure** for cloud services.

Software Developer Pointy Nine Agency

December 2023 – April 2024

- **Maintaining** existing micro-services, and **adding new features** to them, as well as **overhauling bugs** and **making extensive changes according to best practices**, in addition to **leading development of some internal tools**. Solved technical challenges such as **scalability, security, and system architecture** to ensure consistent and available system operations.
- Gained a solid background in crafting dynamics and ability to develop responsive and user-friendly websites. My skills extend to working with different programming languages, frameworks, and tools to ensure a smooth online experience. Thriving on blending technical prowess with creativity and problem-solving abilities, aiming to make meaningful contributions to the success of web development projects.
- Developing, containerizing, and deploying several internal tools to solve some crucial problems, using **React.js, Next.js, MySQL, TypeScript** and **C#**.

PROJECTS

FLYPASS - Password Manager

May 2025

- Developed a secure mobile password manager built upon a deterministic password generation algorithm. The React Native-based application features key derivation using **isomorphic-Argon2**, site-specific key generation via **HMAC-SHA256** with **React Native Quick Crypto**, and local storage of profile data using **AsyncStorage**. Users can create profiles for site-specific passwords with various generation types.

National Park Data Systems

October 2023

- Created a data system with a list of all the national parks in Türkiye. Organized the data with multiple data structure algorithms and users were given various options to search. Used **Java** with implementing lists, queues, stacks, binary search trees, hash table, heap, and sorting algorithms from scratch.

Flower Classification

April 2023

- Created a flower classification system by puling data from the data set. Then created an artificial neural network and trained it with **Machine Learning** methods to classify the flowers. Used **C#** and **Java** for creating a neural network and training it with given data without a library.

VOLUNTEER EXPERIENCE

Artificial Intelligence Student Club Autonomous Car Team

January 2024 – April 2024

- Actively contributed to the development of the Autonomous Car Project, specializing in **image processing** tasks. Utilized **MATLAB** and **Python** for tasks such as object detection, lane tracking and image recognition. Leveraged technologies and libraries like **OpenCV**, **TensorFlow** and **NumPy** to design and implement robust computer vision algorithms. Collaborated closely with a multidisciplinary team to integrate image processing components into the autonomous vehicle system, enhancing its decision-making capabilities.

Google Developer Student Clubs Social Media Designer

February 2022 – September 2022

- As the social media designer, took part in creating a dynamic learning environment for students who into technology and software. Organized classes and seminars about Google Tech from the social media side. Used **Adobe Photoshop**, **Illustrator** and **Canva** for social media posts.

AIESEC in Izmir Sales Floor Team Member

November 2021 – March 2022

- Developed the **Product Knowledge, Communication Skills, Customer Engagement, Sales Techniques, Team Collaboration, Adaptability and Goal Achievement** skills by working on the sales floor team AIESEC which is a global youth-led organization focused on providing leadership development and cross-cultural exchange opportunities.