



Muhammed Said Kaya

Software Developer

Who very motivated , determined and industrious about improving himself. Main academic interest are Blockchain, Decentralized App Development and Web Development.

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EDUCATION

Computer Engineering Hacettepe University

08/2016 - Present

GPA : 3.27/4.00

- Database Management Systems
- Software Engineering
- Wireless and Mobile Network
- Information Security
- Secure Programming
- Design Patterns
- Fundamentals of Blockchain
- Fundamentals of Artificial Intelligence

WORK EXPERIENCE

Software Developer - Part Time Tübitak Bilgem YTE

10/2020 - Present

Ankara-Turkey

- Worked on The "Collection", "Receivable", "Asset" microservices of the "MGM" project, which enables the joint management of the accounting transactions of all public institutions and organizations within the scope of the central government budget.

Software Engineering Intern Tübitak Bilgem YTE

07/2020 - 08/2020

Ankara-Turkey

- Created a Single Page Web Application (Activity Management System). ReactJS, Spring Web, Spring Data JPA, Spring Security and PostgreSQL used. For geological informations Geocode and Google Map used.

ORGANIZATIONS

PyLadies Ankara (11/2020 - Present)

R&D - Organization Committee Member

KNOWLEDGES

JavaScript

ReactJS/Redux

ExpressJS

SQL

Ember

MySQL

PostgreSQL

MongoDB

Python

C

Java

Spring Framework

Hibernate

Docker

Git

ELK Stack

Solidity

OOP

Database Design

Microservice Architecture

Linux

Blockchain Technology

PROJECTS

Web Application : File Repository in Ethereum

- ExpressJS - ReactJS - Web3JS - MongoDB
- Truffle - Ganache - Solidity
- Files which are belongs to students stored on smart contract and functions are called through rest api. Only Students' affairs personel login the client and request to endpoints by using JWT for authentication.

Paper : Quorum Permissioned Blockchain

- Literature Review Blockchain, Ethereum and Quorum

Web Application : Local Firestore (NoSQL Database)

- ReactJS - Redux
- Command Pattern used for encapsulating CRUD request on any document and by using stack of requests, undoable operations created.

Mobile/Arduino Application : Bluetooth RC Car

- Flutter - C
- Developed a remote-controlled car for video surveillance. This car is controlled by an Android application, and visual data is observed on any web browser connected to the same network as the car

Web Application : Bookstore

- ReactJS
- Spring Web - Spring Data JPA - Spring Security
- MySQL

Desktop Application : Crypto Messenger

- Java Swing
- Multi Client/Broadcast Server
- Socket Programming
- Symmetric Block Ciphers : AES - DES

Web Application : Shopping Platform

- MySQL Procedures - Functions - Triggers
- PHP - HTML - CSS

LANGUAGES

English

Full Professional Proficiency

Turkish

Native or Bilingual Proficiency

INTERESTS

Origami

Video Games

Soccer

Basketball