Muhammed Said Kaya

Software Developer

Who very motivated , determined and industrious about improving himself

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EDUCATION

Computer Engineering
Hacettepe University

08/2016 - Present   *GPA : 3,27/4.00*

Courses

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

WORK EXPERIENCE

Software Developer - Part Time
Tübitak Bilgem YTE

10/2020 - Present   *Ankara-Turkey*

Achievements/Tasks

- 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*
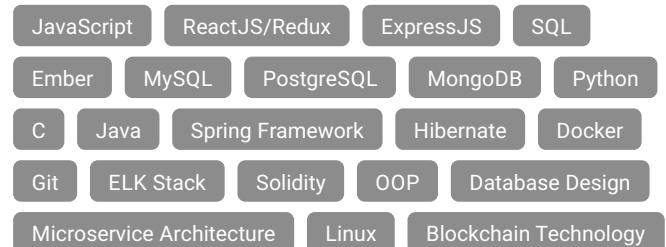
Achievements/Tasks

- 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 : 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.

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. Students' affairs personel only login the client and request to endpoints.

Paper : Quorum Permissioned Blockchain

- Literature Review Blockchain, Ethereum and Quorum

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

Desktop Application : Crypto Messenger

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

Web Application : Bookstore

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

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