Muhammed Said Kaya

Curriculum Vitae

📞 *(+90) 545 932 80 81*
✉ *saidkaya1239@gmail.com*
🔗 *muhammed-said-kaya-7ba92a164*
🌐 *b21627428*

About

4th Grade Undergraduate Student, who very motivated , determined and industrious about improving himself, at Hacettepe University, Computer Engineering

Experience

10/2020-present	**Software Developer - Part Time**	
	TUBITAK BILGEM YTE	*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.

07/2020-08/2020	**Software Engineering Intern**	
	TUBITAK BILGEM YTE	*Ankara/Turkey*

Education

2017-present	**Bachelor of Computer Engineering**	GPA: 3.27/4.00
	HACETTEPE UNIVERSITY	*Ankara/Turkey*
2016-2017	**English Preparatory Class**	
	HACETTEPE UNIVERSITY SCHOOL OF FOREIGN LANGUAGES	*Ankara/Turkey*
2015-2016	**Keçiören Uğur High School**	*Ankara/Turkey*

Languages

Turkish : Native
English : Upper-Intermediate

Volunteer Experiences

10/2020-present	**R&D - Organization Committee Member**	
	PYLADIES ANKARA	*Ankara/Turkey*

Computer Skills

Languages and Frameworks

- MySQL
- Java
- JavaScript/ES6
- Python
- C
- PHP
- HTML/CSS
- Flutter
- Solidity
- PostgreSQL
- Spring
- Hibernate
- React
- Ember
- Docker
- Git
- Kafka
- ELK Stack

Knowledge

- Object Oriented Programming
- Data Structures
- Database Design
- MVC Pattern
- Microservice Architecture
- Blockchain Technology
- Ethereum/Quorum
- Functional Programming
- Algorithms
- RDBMS
- NoSQL
- Test Development Driven
- Unit Test
- Linux

Academic Interests

- Blockchain
- Web Development
- Software Development

Projects

Fall - 2020   **Paper : Quorum Permissioned Blockchain**

Hacettepe University Design Project Course - Project

Paper that is about Blockchain history, structure and Bitcoin technical details. Quorum Network which is one of the permissioned blockchain is explained and analyzed in terms of private transaction requirements for financial industry.

Fall - 2020   **Paper : Social Media in Blockchain**

Hacettepe University Blockchain Course - Project

Paper which contains traditional social media problems and blockchain-based social media platforms analysis and compare . With analyzing these platforms, the model named Prudentia is represented for problems like data privacy, anonimity etc.

Fall - 2020   **Mobile/Arduino Application : Bluetooth RC Car**

Hacettepe University Wireless And Mobile Networks Course - Term Project

RC car with Bluetooth and Wi-Fi technology for video surveillance, discovery & reporting purposes, in the context of our final project. Using HC-05 Bluetooth Module, Arduino UNO component and a Flutter application, the car controlled remotely.

Fall - 2020   **Desktop Application : Crypto Messenger - Multi Client/Broadcast Server**

Hacettepe University Information Security Course - Project

Using AES and DES from Block Cipher methods, CBC and OFB from modes, a server was set up with Java Socket Programming and clients were able to communicate through this server. As soon as the clients are raised, the symmetric keys on the server are transmitted to the clients and the encryption of the messages has been ensured through this key. An interface has been implemented with Swing.

Summer - 2020   **Web Application : Activity Management System**

Tübitak Bilgem YTE Software Engineering Internship - Project

Utilizing Spring, React and PostgreSQL, a single page web application that is Activity Management System created. Google Map, Geocode and Firebase integrated to the application. QR Code creation and Email sending services created. For database, PostgreSQL Docker Image used.

Spring - 2020   **Web Application : Bookstore**

Hacettepe University Software Engineering Course - Term Project

Single page application created by using React, Spring Web, Spring Data JPA, Spring Security and MySQL for term project with my friends. For authentication mechanism JWT Token used. This application was on book trading for e-commerce.

Fall - 2019   **Web Application : Shopping Platform**

Hacettepe University Database Management System Course - Term Project

In Database Management System Course, ER Diagram has been created for Shopping Platform for term project with my friends. For database operations Stored Procedures, Functions and Triggers added to MySQL and utilizing PHP, Html and CSS, data extraction from the database were done with native queries.

Social Activities and Hobbies

- Origami
- Video Games
- Soccer
- Basketball