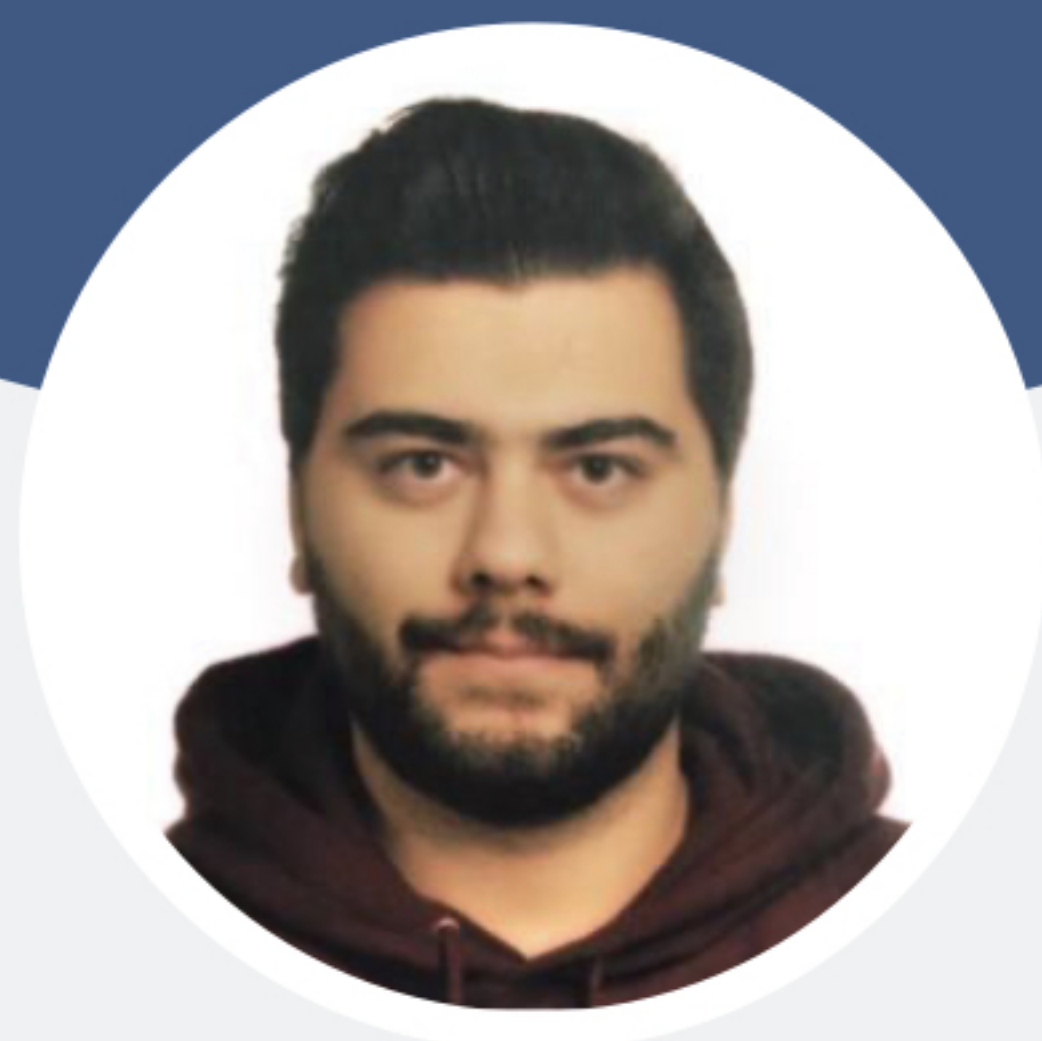


# Ali Alperen Karaca

Senior Software Engineer at  
Türkiye Cumhuriyet Merkez  
Bankası



## Personal details

- Ali Alperen Karaca
- alperenkaraca@msn.com
- Kadıköy/Istanbul
- linkedin.com/in/alperenkaraca

## Skills

- React.js
- Java
- TypeScript
- REST APIs

## Languages

- English
- Türkçe

## References

References available upon request.

# Profile

I am a dedicated Software Specialist with a Bachelor's degree in Computer Science and proven expertise in React.js, Java and REST APIs. With a strong foundation in software development, I excel in creating efficient and scalable solutions. My experience includes collaborating in agile environments and delivering high-quality applications that meet client needs. I am adept at problem-solving and continuously enhancing my technical skills to stay current with industry trends. I am committed to driving project success through innovative and reliable software engineering practices.

## Education

**Bachelor's degree, Computer Science** Jan 2011 - Dec 2015  
Kadir Has University

## Employment

- Software Specialist** Sep 2019  
Türkiye Cumhuriyet Merkez Bankası, Istanbul, Turkey
- Research Development Software Engineer** Dec 2017 - Sep 2019  
Huawei, Istanbul, Turkey
- Research Development Software Developer** Jun 2016 - Dec 2017  
Geovision Group, İstanbul, Türkiye

## Projects

- Reserve Management Automation** Mar 2021 - Present  
Foreign exchange operations conducted in the name of The Treasury are some of the key components of the TCMB's reserve management policies along with other operations such as maintaining gold reserves-direct purchase and sale of gold-physical gold or currency transfer, and depositing of gold on gold saving accounts. Having the purpose of maintaining the foreign currency reserves, the Central Bank of the Republic of Turkey (TCMB) uses "Reserve Management Automation" application to manage its reserves and also to manage the risks that may incur meanwhile. With this application, all kinds of indebtedness operations- including foreign currency, securities, and derivative product purchases and tradings- and forward or on-demand gold operations can be conducted and tracked. The project was developed using React and Java, using a microservice architecture.
- Central Bank Correspondent Tracking Automation** Jun 2020 - Dec 2020  
React.js and Java are used in this project. This project is an automation in which the bank correspondents in the market are working and the accounts belonging to those banks are followed, updated and necessary transactions are made.
- BIST - Swap** Oct 2019 - Jul 2020  
React.js and Java are used in this project. This project is the automation of principal clearing and daily netting transactions that are carried out manually within the scope of the BIST swap market.

- Affected User Dashboard** Feb 2019 - Sep 2019  
React.js, Java and Hadoop are used in this project. The project allows customers to specify parameters and send ad-hoc queries to display information about the customers who were affected during an outage or other similar events.
- Discovery** Nov 2018 - Sep 2019  
Big data platform. It is used to develop programs related to wireless data and prepare the maps in the formats that the customers want.
- Smartcare** Dec 2017 - Sep 2019  
Big data platform. It is used to develop programs related to cell data and prepare the dashboard in the formats that the customers want.
- Algeria Mobilis** Oct 2018 - Nov 2018  
React.js, Java and Hadoop are used in this project. This project about provide general view of Mobilis Network, behavior of subscribers and ATM project progress preview.
- BigData Enabling Platform** Jul 2018 - Oct 2018  
Node.js, React.js, Eclipse Theia, Fusion Insight, GraphQL, Prisma and Scala are used in this Project. Big data IDE.
- TIE** Apr 2018 - Jul 2018  
Hibernate, spring boot, maven and React JS are used in this Project. This project about transform files from unstructured to structured. Like log files.
- Guanyin** May 2017 - Dec 2017  
Java is used in this project. Restful Service provider, middle layer. An API to serve various services to in-company applications. Powered by Dropwizard.