


Hi! I am Mustafa Tufan, a software engineer with a finance-based master degree. I am always in pursuit of designing the best software and writing the best line of codes. I am passionate about details, continuously think how to improve myself, where I am and what I do. As a character, I am easygoing, friendly and hardworking. Currently, I work for Allianz, one of the largest financial institutions in the world. In my free time, I maintain a hobby project, [solochance.org](#), a popular tool among solo crypto miners.


Contact


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 İzmir, Türkiye


Personal

 November 13, 1992

 Republic of Türkiye

Current Career Goals

 Becoming a Tech Lead in next 3 years

 Landing a job opportunity in UK

Experience (8+ years)

Software Engineer at [Allianz](#) in İzmir, Türkiye

Feb. 2023 - Current (1 year and still)

- Developing for regulatory business flows that allows private pension clients to use their pension savings as collateral in credit markets.

Insurance, Pension, Java, Spring Boot, JPA, JUnit, Apache Maven, RESTful API, PL/SQL, Scrum, Git, Bamboo, Nexus

Software Engineer at [Change](#) in Tallinn, Estonia

Sep. 2019 - Dec. 2022 (3 years 4 months)

- Delivered both frontend and backend development of countless critical and the most used features like portfolio and price notifications, portfolio graph, performance graph, news section, Every Pay credit card payment integration, Mixpanel tracking integration and many more.
- Had full knowledge of the product's database and delivered automated reports for the product and all other teams as well as C level managers as an only and de facto data analyst in the company.

Fintech, Cryptocurrency, Kotlin, Dart, TypeScript, Python, Spring Boot, Gradle, Flutter, RESTful API, BLoC, PostgreSQL, Redshift, TDD, Code Review, Scrum, Git, Docker, Sentry, Mixpanel API, Metabase, Airflow

Made [a video production](#) for the company, including shooting and editing, for early days of COVID-19.

Software Engineer at [Avatud Lahendused](#) in Tartu, Estonia

May 2019 - Aug. 2019 (4 months)

- Developed custom Odoo ERP modules for unique requirements of Estonian construction and manufacturing companies.

ERP, Python, JavaScript, Odoo, PostgreSQL, Kanban, Git, Docker, Sentry

Software Engineer at [Allianz](#) in İzmir, Türkiye

Jul. 2018 - Apr. 2019 (10 months)

- Developed Allianz Messenger Client that is a project to be added as a dependency to be able to send SMS and e-mail as a sole developer, and refactored all projects those were using former methods by being a team member in a Scrum team.

Insurance, Java, Spring Boot, JPA, EJB, Oracle ADF, JUnit, Apache Maven, RESTful API, PL/SQL, Scrum, Git, Bamboo, Nexus, Oracle WebLogic

Software Engineer at [Infina](#) in İstanbul, Türkiye

Mar. 2016 - Jun. 2018 (2 years 4 months)

- Maintained [Infleks Trade](#) project that is a trading system that sends real-time trade orders to Borsa İstanbul Stock Exchange.
- Developed accounting and customer modules for [Infleks Operation](#) and [Infleks Wealth Management](#) projects as a sole developer in a team. Maintained fund and derivative instruments modules.

Fintech, Stock Market, Investment Banking, Java, Spring Boot, JSP, JSF, PrimeFaces, JasperReports, Eclipse Rich Client Platform, JUnit, SAX Parser, Apache Maven, Apache Ant, Multithreading, SOAP, Sybase, MSSQL, PL/SQL, Oracle TimesTen, Scrum, Kanban, Git, CVS, Hudson, Jenkins, Apache Tomcat, WildFly

Won an in-house contest to find a new slogan for the company, and changed the former slogan that was used since 2004 into *Innovation for Finance*

Intern at [Emeltek](#) in Elazığ, Türkiye

Feb. 2015 - Jun. 2015 (5 months)

- Developed and published [KELİME BUL](#) that is an Android game as a sole developer.

Game Development, C#, Unity3D, Procedural Generation, Git, AdMob, Google Play Game Services, Unity Ads

Intern at [Netix](#) in Elazığ, Türkiye

Jun. 2013 - Sep. 2013 (4 months)

- Developed and published Encrypted SMS that is an Android application that allows to send and receive encrypted messages as a sole developer.

R&D, Java, Android SDK, AES Encryption, Git, AdMob

Intern at [Dream Harvesters](#) in Antalya, Türkiye

Jun. 2012 - Sep. 2012 (4 months)

- Maintained LanistaWars that is an MMORPG, and developed a tool that allows editing localization files with automated rules.

Game Development, C#, Unity3D, Windows Forms, TortoiseSVN

Education

M.S. in Capital Markets and Stock Exchange at Marmara University in İstanbul, Türkiye	2017 - 2019
B.S. in Software Engineering at Firat University in Elazığ, Türkiye	2010 - 2015
<ul style="list-style-type: none">Organizer and Jammer at Global Game Jam Elazig 2012 2013 2014Academic publication on Android in Turkish: FEEB 2011, Açık kaynak mobil işletim sistemi: Android İşletim Sistemi	
Information Technology at Gaziemir Anadolu Technical High School in İzmir, Türkiye	2006 - 2010
<ul style="list-style-type: none">Performed as 215th among over 10.000 IT students in national examination for registering bachelor's programs.	

Personal Projects

SoloChance.org , solo cryptocurrency miner tool	Ongoing development
<ul style="list-style-type: none">SoloChance.org helps cryptocurrency miners to calculate their solo chances. It has frontend and raw API, and serves 200k+ requests monthly.	
Btckit.io , Bitcoin address generator	Paused
<ul style="list-style-type: none">Btckit.io was a tool that generates custom Bitcoin addresses by brute-forcing.	
Roll 'n Break , Unity3d game, published for iOS & Android	Last update: 2018
<ul style="list-style-type: none">Roll 'n Break was an action mobile game, published for both platforms iOS & Android. In its peak time, it has thousands of monthly players.	
Bilişim Bilgi Yarışması , native Android app	Last update: 2013
<ul style="list-style-type: none">Bilişim Bilgi Yarışması was a quiz game that contains IT questions. It was popular among Firat University students for a while.	