







Hello, my name is Mustafa Tufan. I am a software engineer with a master's degree in finance. My passion lies in crafting clockwork software by embracing simplicity and leveraging deep domain expertise.

Contact	Personal	Current Career Goal
 mustafa@tufan.ee	 November 13, 1992	 Exploring options...
 +90 538 018 95 16	 Republic of Turkey	
 Izmir, Turkey		

## Experience (8+ years)

<b>Software Engineer</b> at <b>Allianz</b> in Izmir, Turkey	Feb. 2023 - Current (1 year and still)
<ul style="list-style-type: none"><li>Developing for regulatory business flows that allows private pension clients to use their pension savings as collateral in credit markets.</li></ul> <p>Insurance, Pension, Java, Spring Boot, JPA, JUnit, Apache Maven, RESTful API, PL/SQL, Scrum, Git, Bamboo, Nexus</p>	
<b>Software Engineer &amp; Data Analyst</b> at <b>Change</b> in Tallinn, Estonia	Sep. 2019 - Dec. 2022 (3 years 4 months)
<ul style="list-style-type: none"><li>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.</li><li>As the nature of the start-up environment, there was a chance to execute in multiple positions simultaneously. I studied full knowledge of the product's database, delivered automated reports, and visualised and presented to the product teams &amp; C-level managers as the only data analyst in the company.</li></ul> <p>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</p> <p>Made <a href="#">a video production</a> for the company, including shooting and editing, for early days of COVID-19.</p>	
<b>Software Engineer</b> at <b>Avatud Lahendused</b> in Tartu, Estonia	May 2019 - Aug. 2019 (4 months)
<ul style="list-style-type: none"><li>Developed custom Odoo ERP modules for unique requirements of Estonian construction and manufacturing companies.</li></ul> <p>ERP, Python, JavaScript, Odoo, PostgreSQL, Kanban, Git, Docker, Sentry</p>	
<b>Software Engineer</b> at <b>Allianz</b> in Izmir, Turkey	Jul. 2018 - Apr. 2019 (10 months)
<ul style="list-style-type: none"><li>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.</li></ul> <p>Insurance, Java, Spring Boot, JPA, EJB, Oracle ADF, JUnit, Apache Maven, RESTful API, PL/SQL, Scrum, Git, Bamboo, Nexus, Oracle WebLogic</p>	
<b>Software Engineer</b> at <b>Infina</b> in Istanbul, Turkey	Mar. 2016 - Jun. 2018 (2 years 4 months)
<ul style="list-style-type: none"><li>Maintained <b>Infleks Trade</b> project that is a trading system that sends real-time trade orders to Borsa Istanbul Stock Exchange.</li><li>Developed accounting and customer modules for <b>Infleks Operation</b> and <b>Infleks Wealth Management</b> projects as a sole developer in a team. Maintained fund and derivative instruments modules.</li></ul> <p>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</p> <p>Won an in-house contest to find a new slogan for the company, and changed the former slogan that was used since 2004 into <i>Innovation for Finance</i></p>	
<b>Intern</b> at <b>Emeltek</b> in Elazig, Turkey	Feb. 2015 - Jun. 2015 (5 months)
<ul style="list-style-type: none"><li>Developed and published <b>KELİME BUL</b> that is an Android game as a sole developer.</li></ul> <p>Game Development, C#, Unity3D, Procedural Generation, Git, AdMob, Google Play Game Services, Unity Ads</p>	
<b>Intern</b> at <b>Netix</b> in Elazig, Turkey	Jun. 2013 - Sep. 2013 (4 months)
<ul style="list-style-type: none"><li>Developed and published Encrypted SMS that is an Android application that allows to send and receive encrypted messages as a sole developer.</li></ul> <p>R&amp;D, Java, Android SDK, AES Encryption, Git, AdMob</p>	
<b>Intern</b> at <b>Dream Harvesters</b> in Antalya, Turkey	Jun. 2012 - Sep. 2012 (4 months)
<ul style="list-style-type: none"><li>Maintained LanistaWars that is an MMORPG, and developed a tool that allows editing localization files with automated rules.</li></ul> <p>Game Development, C#, Unity3D, Windows Forms, TortoiseSVN</p>	

# Education

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

# Personal (Hobby) Projects

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