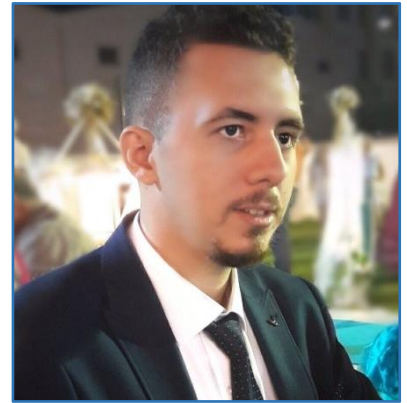


FIRAT GÜRSOY | SENIOR SOFTWARE SPECIALIST

Born	1992 / Turkey
Experience	12-13 yrs full time + 15 mos internship + 18 mos freelance
Language	Turkish (Native), English (A2)
Driving License	Type-B
Civil Status	Unattached
Military Service	Done
Interests	Science, theology, philosophy, politics, chess, video games, listening, OSS.



Keep in Touch

Mail	firatgursoy@gmail.com
GSM	(+90) 553 158 85 80
Linked-in	linkedin.com/in/firatgursoy
GitHub	github.com/firatgursoy

Who?

Hi! I'm a computer engineer. Personally a science addict. I have been interested in software development since I was 15 years old.

I specialize in **Java** coding for UI, desktop, mobile and expert on back-end development processes. I believe that I am also experienced in many other technologies, DevOps and leading the development life cycle. I put emphasis on developing clean, efficient software, design patterns and perspectives (IOC, DI, TDD, AOP, OOP, BDD, Reactive Manifesto, Scrum & XP & Agile, CQRS, Pair programming etc.)

Currently, I am dealing with back-end dev processes using Java at work, I am also personally having fun with Unreal Engine and AI systems.

Working Areas

Insurance and retirement applications	Smart Home Systems / IoT
Distributed application design	RPC, SOAP, REST, Microservices
ERP applications	Prompting on AI, Machine learning
Responsive UI Design	Game Development, scripting, management
Socket Programming/Networking	Mobile Client Apps
Content Robots (Crawlers), Report Generation	Querying and code optimization
HHVM and GraalVM compiling	Copy Routine, data structure generation
Big Data / Cloud computing	Integration, overload, penetration testing
Reverse Engineering	Software safety, licensing and obfuscation
Search Engine Optimization	Software design documentation/ Issue Tracking
CMS(WP,Vbulletin etc.) scripting	Performance analysis / metrics

Education

2010 - 2014

Sakarya University > Faculty of Technology > Computer Engineering

SauSensor : For control of the Wireless Sensor Networks improve business intelligence structure with Restful Web Services

SauRSSI : Positioning with trilateration and path loss methods on Android platforms.

TraviNeural : Online game strategy and auto-pilot application with ANN.

EIT : Issue tracking system inspired by Mantisbt and Jira.

2006 - 2010

Akhisar Anatolian Technical High School > Computer Division

Web and Multimedia Management

Certification

2021

DASA DevOps Fundamentals Certified DevOps Engineering Training

Work Experience (Corporate)

2021 ~

Adesso Turkey / Senior Software Specialist

adesso.com.tr

AgeSA Mobile App back-end development. Insurance, retirement and investment solutions. More info at : <https://play.google.com/store/apps/details?id=tr.com.avivasa.mobileapp>

2017 - 2021

Yaşar Bilgi İşlem ve Ticaret A.Ş. / Software Specialist

eng.yasarbilgi.com.tr

Dijital.Şirket : ERP development processes. SAP BW integration, BI, reports, performance analysis.

Dijital.Printer & Document Template Editor : Bill printing and document templating (native and web application).

PSU & YBP Integration : Web application integration for commercial needs.

Production Node (BOMs) Editor : Web UI and BE dev. for creating Bill of Materials data.

Dijital.Integration : UI and BE dev. for LDAP & Mail integration services.

Dijital.Form : Form builder application for creating auto-generated forms with metadata.

Dijital.Izleme : An application for monitoring Spring web application performance and metrics.

2014 - 2016

Control4 Automation / Full Stack Software Engineer

control4.com

Maar Project

In short, Maar Project is an IOT system for intelligent home management. Native, mobile, desktop and server-side software development. More info at : <http://www.maar.com.tr>

Maar Box : MaarBox is the android endpoint in the houses and perform home management. Using GPIO, RS485, USB and TCP protocols for the management of industrial and household equipment was made.

Maar Mobile (Android) : Mobile software for remote home management.

Maar Server : Data communication back-end for remote home management.

Maar Project Builder : UI and data structure generator.

Magic Buttons Project : Android and desktop software that can communicate directly with Control4 devices.

Magic Buttons UI Builder : UI and data structure generator desktop software of Magic Buttons android app.

Siparişlerim Android Application : A Digital concierge service.

2013 - 2014	<p>Arvena Smart Business Solutions / Java Software Developer arvena.com.tr</p> <p>SmartBase : Enterprise Android Framework. Form builder, data binding, active record, logging, themes, telephony managers, UI components, web service providers etc.</p> <p>Arvena Store : Android-Based Inventory and Work Order Management System. Mikro ERP Integration with .Net Web Services</p> <p>Arvena Business : Operation Confirmation Application for Android. Axapta (Microsoft Dynamics AX) Integration with .Net Web Services</p> <p>Arvena Anket : Survey Application for Android</p> <p>Arvena Gallery : Customizable gallery application for Android</p> <p>MKSMontaj : Operation Confirmation Application for Android. Mikro ERP Integration with .Net Web Services</p> <p>Armap : Customer Positioning & Salesman Control Application for Android. Arvena Salesman Integration</p>
2012 - 2013	<p>DTS Teknoloji / .net Software Developer</p> <p>Created apps for automate pre-processing of Particle Simulation, 3d modelling.</p>
2010 - 2011	<p>Freelance / Search Engine Optimization (SEO) Specialist</p> <p>Development of ~150 websites which includes SEO tasks was completed. Also SEO and SEM apps developed.</p>
2008	<p>Gurkom Telecommunication</p> <p>Website development, IT</p>

Tech

DevOps

- Sonatype, nexus
- Openshift
- Jenkins
- GitLab
- Bitbucket
- Github
- Heroku
- GCloud
- Bash scripting & Deployment processes
- Graylog
- Grafana, Prometheus, Graphite
- Docker and Kubernetes
- Zuul, Eureka

Documentation

- Atlassian products (Jira, Confluence etc.)
- xwiki
- Gitlab / Github
- MS Office
- Swagger
- MantisBT

Tools

- Apache Maven, Gradle
- Docker
- Npm, Jitpack
- Svn, Git
- Tomcat, Jetty
- HHVM, GraalVM
- Postman, SOAPUI
- Vsphere Client, Virtual Box, VNC

IDE

- JetBrains Products(Idea, PhpStorm, Rider, WebStorm etc.)
- npp
- MS Visual Studio, VSCode
- Netbeans
- Eclipse & Eclipse MemoryAnalyzer
- DBEaver
- OllyDbg
- Adobe Fireworks & Flash, Photoshop, Illustrator, Audition

Backend

- Java
- GraalVM
- Android API
- WebRTC Client
- Dagger, Android Annotations
- RabbitMQ
- Modbus,GPIO,rs485,usb (Industrial devices), knx calimero
- Libvlc
- Crosswalk Webview
- Spring For Android
- Csimple, Jsoup, xing, bcprov, imgscalr
- Spring Framework
- Spring Microservices Stack
- Spring Reactive Stack
- Spring Boot
- Spring Core
- Spring Data & Transactions
- Spring Data R2DBC
- Spring MVC & Mobile & RESTful

Web Services

- Spring Retry & Circuit Breaker
- Spring Config Server
- Spring Vault
- Spring Security
- Spring For Android
- Spring ROO
- Spring Web Flow
- Vertx (Reactive discipline and networking)
- Apache Camel
- J2SE,J2ME,JMS
- AspectJ
- WebSockets
- .Net Framework
- Yii Framework
- SolidWorks API

Auth/Sec

- Keycloak
- OWASP tools (ZAP etc.)

Testing

- Selenium
- TestContainers

Persistence

- Redis
- Protocol Buffers,
- Data warehouse knowage
- Materialized Views
- Streaming data analysis
- Hazelcast
- Liquibase
- Elide & GraphQL
- Elasticsearch
- ORMLite
- JPA & Hibernate
- DB2, Postgres, MYSQL, H2Db, MSSQL, SQLite
- MongoDB
- Jackson Mapping, json-io, JAXB, xstream, yambeans, msgpack, protostuff
- HikariCP

Presentation

- JQuery
- Vue.js
- d3.js, tabulator etc. Dev Express (.net only)
- Grafana
- Thymeleaf
- JSF (PrimeFaces)
- Twitter Bootstrap
- Apache Tiles
- Freemarker
- Jasper Reports
- Java FX 2
- JOGL
- WPF/Silverlight
- QT
- Unreal UMG

My OSS

- Fluent Query
- Apache-Mina-Builder
- CuteOverlay
- share-your-screen

Learning and interested on Java, CPP, Unreal Engine, OpenAI.

Peace !