

## Atila TANRIKULU

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e-mail: atillatan@gmail.com  
Nationality: Turkish  
Military service: General Staff / Ministry of National Defense, 2003-2004  
Marital status: Married  
University: Karadeniz Technical University (2002)  
Department: Electrical and Electronics Engineering



### SUMMARY:

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- ✓ Strong IT background (Senior Software Engineer/ Senior Software Architect, with “hands-on”/ previous senior technical experience).
- ✓ More than ten years' experience in software projects.
- ✓ Good knowledge and extensive experience in enterprise, banking, and telecommunication projects. Designed and developed very comprehensive enterprise projects.
- ✓ Coordinated integrations with other projects as well as changes in development processes.
- ✓ Experienced in enterprise software architectures including Back-end (RESTful, JAVA/C#) and Front-end (JavaScript/Typescript (ES6), AngularJS, Angular).
- ✓ Experienced in CMMI 3 working environment.
- ✓ Capable of analyzing and resolving problems. Skilled in the motivation of team members and the handling conflicts to great success.
- ✓ PMP (Project Management Professional), MCSE, MCDBA, MCSA, MCP certified.
- ✓ Ability to learning new skills quickly and accurately.

### WORK EXPERIENCE:

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VHS Electronic Software January 2018 September 2018 Ankara/Turkey	<b>SENIOR SOFTWARE ARCHITECT</b> Implemented scalable and robust PaaS architecture and Data Analytics Solution for Energy and Utilities Industry, We are using Industrial IoT, cloud technologies and big data analytics, We are using the following technologies: PostgreSQL, .net core, RestFull API, microservices architecture, Angular, Eclipse Mosquito (IoT), Apache Kafka, Kong API Gateway, Docker, Redis, MongoDB, jenkins, nodejs, Git etc.
Ankara University Department of Information Technologies July 2014- current Ankara/Turkey	<b>SENIOR SOFTWARE ARCHITECT / TEAM LEAD</b> Ankara University Department of Information Technologies -My main projects are OBS and USIS (.Net Core, RESTful-API /AngularJS Based Project) OBS and USIS are web-based enterprise IT Projects. My responsibilities are <ul style="list-style-type: none"><li>- Create, execute and monitoring project plan</li><li>- Assigning tasks and monitoring team responsibilities</li><li>- Create new enterprise framework using new technologies</li><li>- Mentoring and coaching directly assigned team members</li><li>- Performance evaluation, competency improvement of assigned team members</li><li>- Execution of Software Development processes in accordance with company processes, and standards</li><li>- Performing architectural design for meeting non-functional requirements, and quality attributes (scalability, security, testability, etc.) as well as functional requirements.</li></ul> <p>AGILE/Scrum project management methodology has been applied. OBS has approximately 600 GUI and 70,000 users. OBS is used by students and academics. It is a comprehensive project. The project highlighting features can be summarized as large amount of users, data, and operations, scalable infrastructure, secure and dynamic authorization. USIS project has SOA infrastructure with SSO/OpenID/OAUTH2 authentication and uses the following technologies: SPA, ASP.NET CORE, AngularJS, Microservices, Micro-ORM Dapper, Redis, LinQ, Model-DTO mapping, Oracle, Load balancing, VMWare virtualization (30 servers). CMMI3 level</p>

standards.

Designed/implemented server-side architecture;

- Data Layer: Repository pattern, Micro ORM Dapper, model-DTO mapper, Redis, it has AutoCRUD operations

- Business Layer: Unit of Work pattern, Middleware pattern, Transaction management, Audit/Debug logging, Authorization, Caching (Redis) etc.

- Service Layer: Web-API, Web service, API Gateway

Designed/implemented front-end architecture;

- AngularJS, MVC pattern, Token-based Authentication (OAuth2, OpenID), Angular interceptors for separation of concerns

- Implemented repository pattern for AutoCRUD RESTful operations (POST, GET, PUT, DELETE) using JavaScript inheritance

AGMLab  
Information  
Technology  
July 2011  
April 2014  
Ankara/Turkey

## **SENIOR SOFTWARE ARCHITECT / PROJECT MANAGER**

- **Ministry of the Interior - Department of Associations - DERBİS, PRODES, E-Arsiv, SSO (.Net Based)**

AGILE project management methodology has been applied. The project included 35 team members who were coordinated by me. DERBİS web-based enterprise IT Project has approximately 100,000 users. DERBİS integrated with many public institutions is used by Turkish non-governmental organizations. It includes sub-projects like document management system, project management system, electronic signature, data analysis system, audit log, SSO etc. It is a comprehensive project. The Project highlighting features can be summarized as too many users, too much data, too many operations, scalable infrastructure, secure and dynamic authorization. Technologies like MVC, WCF, Entity framework, LinQ, Model-DTO mapper, jQuery, Hyper-V virtualization, load balancing, WAN configuration, LAN configuration etc. are used in the project. CMMI3 document standards are used in the project.

- **The Financial Crimes Investigation Board (MASAK-EMİS, Government Agency) (Java Based)**

MASAK is the financial intelligence unit of Turkey. The MASAK project included 10 team members who were coordinated by me. The project collects data, receives suspicious transaction reports, analyzes and evaluates them, share the results with relevant agencies and carries out supervision of obligation in the scope of prevention of laundering proceeds of crime and terrorist financing. It is according with financial intelligence activities, collecting much data from Turkey's financial, public and private institutions. The system integrates many different government agencies. The project highlighting features can be summarized as too much data, too many operations, and high performance. The system users are able to view suspicious transactions, data analysis, and to examine statistics. It has an advanced authorization infrastructure. Technologies like Google GWT, JPA etc. are used in the project.

TURK TELEKOM  
ARGELA  
TECHNOLOGIES  
Feb.2008  
July. 2011  
Ankara/Turkey

## **SENIOR SOFTWARE ENGINEER**

- **Turk Telekom / ARGELA Technologies (Java Based)**

Worked in software architecture designing process in TAP (Targeted Advertising Platform / ADDZONE) project. The project objective can be summarized as selecting ads based on user profiles and characteristics. Technologies like Spring, Spring Remoting, SOA architecture are used in the project.

- **CGW (Convergence Gateway)**

CGW is a telecommunications project. The architecture is designed to use SIP and VoIP. It is service-based (SOA) and modular architecture. SIP-SE and SIP-PROXY (CSCF) are the most important services of this infrastructure. I developed the new version of the SIP-PROXY. It is running like an Application Server, receives SIP request and generates SIP responses. It is handling, Multi-threading, Caching, Application scope management, session scope management etc.

I worked in many projects development using CGW.

I worked in some telecommunication projects: Tuitalk, Turk Telekom Videofon, Turk Telekom Wirofon, Turk Telekom Tivibu, Türk Telekom Multimedia Payphones etc.

KoçSistem  
Aug. 2004- Jan. 2008  
Ankara/Turkey

## **SENIOR SOFTWARE ARCHITECT**

- **Framework Team**

Assumed the team leader role for framework project. It includes Java, JSF, Spring, Spring Remoting, Hibernate, Web services, etc. It has a SOA based architecture.

Developed a completely modular framework.

GUI independent infrastructure was implemented.

It can support all network protocols like RMI, Hessian, Burlap, Http Invoking, SOAP(JAX-

WS), JMS etc. The Framework Project integrates AVEA SMS communications, PTTBank, DenizBank, DenizHayat insurance.

**- MASAK (Government agency)**

Designed and developed Java, JSF, Spring, Hibernate based enterprise web Application AML (Anti-Money Laundering) system  
Administering Sybase Enterprise Portal, Portlets, Enterprise security (LDAP/SSL) and MASAK application integration  
Single Sign-On (SSO) with Digital Certificate,  
EMC Documentation with MASAK application integration,  
Schedule Services, Multiprocessing and Thread Management.  
TUBITAK Digital signing Applets and Screens,  
MASAK Application with LDAP integration,  
MASAK Application Session Management and AJAX controllers,  
Developed E-library subproject with MARC21(Machine Readable Cataloging) standards,  
Experienced in Apache AXIS, POI, ANT, Log4j, Velocity, JUnit etc. applications,  
ActiveX Software's for Smartcard, Digital Signature, Reporting.  
Developed Official Document Module and more.

**- Fintek Financial Technology Services A.S**

Developed Ziraat Bank Finart Software DIM / EFT / SWIFT / WESTERN UNION modules.  
Using SOAP based C# Client Application Framework.  
Oracle 10g, Stored Procedure development with PL/SQL

General Staff  
Aug. 2003  
July. 2004  
Ankara/Turkey

**SENIOR SOFTWARE ENGINEER(Lieutenant)**

**- Ministry of National Defense Department of Price and Cost Analysis**

I developed web-based enterprise application based on ASP and MS SQL Server Database which is actively used in Military Domain (KARANET). The software manages all purchases which are made for the Turkish Armed Forces.  
Backup, recovery, maintenance, and tuning of MS SQL Server running on Windows 2000 Server in the main office.

Yildirimoglu Sti.  
Aug.2002  
Aug.2003  
Ankara/Turkey

**- SOFTWARE DEVELOPER / TRAINER**

I developed e-learning project  
I developed web-based CMS.  
Trainer for software development.

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**SPECIALITIES:**

Software  
Development Process  
Technologies:

- Strong Java, C# background including OOAD, OOP, UML, Software Architecture, Design Patterns, Enterprise Level Architectures, SOA, Microservices, Multithreading, J2EE/EJB applications
- RESTful API, Web-API, SPA, GWT, MVC, MVP, Servlet/JSP/JSF applications
- JavaScript frameworks: AngularJS, Angular, NodeJS
- GIT, TFS, CSV, SVN, Maven, JIRA/Bitbucket etc.
- Agile methodology, SCRUM/KANBAN and multiple agile tools
- Spring, Hibernate, JPA, .NET Core, EntityFramework, WCF
- Strong network knowledge: TCP/IP, Load Balancing, API Gateways, Proxies, Clustering, Scalability, LDAP etc. MCSA, MCSE related certificates
- Application servers; IIS, Weblogic, Apache, Glassfish, JBoss, Tomcat, WebSphere IAS
- Virtualizations; Docker, Hyper-V, VMWare,
- Databases; Oracle, Redis, ElasticSearch, MongoDB, SQL Server, SybaseASE/IQ, MySQL
- VOIP, SIP-based apps

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**CERTIFICATION:**

**PMP:** [PMI, Project Management Professional \(since 2009\)](#)

PMI Online Credential Registry (<https://certification.pmi.org/registry.aspx>)

**MCSE :** [Microsoft Certified Systems Engineer](#)

**MCDBA :** [Microsoft Certified Database Administrator](#)

**MCSA :** [Microsoft Certified Systems Administrator](#)

**MCP :** [Microsoft Certified Professional](#)

My Transcript :<https://mcp.microsoft.com/authenticate/validatemcp.aspx>

Transcript ID :658621 Access Code :atilla2008

## HONORS – AWARDS:

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- **"EN BASARILI KOCLULAR (EBK)"** (<http://ik.koc.com.tr/ebk/>) When I was working for KoçSistem, I earned this Certificate of Excellence
- **"Admiration Award"** - When I was working for the Ministry of National Defense Department, I earned this certificate two times.

## TRAINING:

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- **PMI Processes Training** / İstanbul Kurumsal Gelişim 01.06.2012 - 10.06.2012 (60 Hours)
- **International Institute for Learning, Inc. (IIL)** /(60 hours) Project Management,
- **CobIT & ITIL Foundation Training** / LOSTAR 19.09.2011 - 23.09.2011 (40 Hours)
- **Oracle 10g Building J2EE Applications** / Oracle University 20.04.2008 - 25.04.2008 (30 Hours)
- **MPM-14 Project Management Certification Program** / MENTOR 19.01.2008 - 17.02.2008 (60 Hours)
- **Sybase Fast Track to ASE System & Database Administration, Power Builder,**  
EAserver, Sybase 10.01.2004 - 20.01.2004 (60 Hours), Fast Track to ASE System & Database Administration

## REFERENCES:

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<b>Fatih Mehmet ARSLAN / MANTIS</b> Software Architect Tel: +90 (545) 582 72 36 fmehmetarslan46@gmail.com	<b>Buğra Çakır</b> Founder @ B.E.A.R TELL Tel: +90 532 6418597 bugracakir@gmail.com	<b>Adil Sarıkaya / ORACLE</b> Principal Consultant Tel: +90 532 491 8362 adil.sarikaya@gmail.com
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