

# Erim Ertürk

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## CONTACT

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## SUMMARY

I am a Software Architect and an expert developer. I have worked as a developer, team leader and architect in 10 plus years of developing applications and frameworks. My interest lies in Web applications, Design Pattern driven development, Scalable Cloud Based Architectures and developing tools/libraries. I like to focus on building generic reusable components. Nowadays i am learning Ruby on Rails, Kubernetes and Docker. Also I am learning blockchain and blockchain transaction features.

In last 10 years I have developed web applications and mobile applications. Following are my core strengths:

- Java, Scala, Groovy, Nodejs, Python, Ruby
- Frameworks like Spring, Hibernate, Grails, Jsf, Play!Framework, Rails
- Architecture and System design
- XP methodology, Agile Development, and Design patterns
- Worked in all stages of Software Development Lifecycle
- Strong communication skills and initiative
- Lead small development teams
- Experimented new technologies in the team and provided adaptation for the team
- Train team members and new hires
- Hire new team members

## WORK

### EXPERIENCE

tapu.com

01.04.2016

Software Architect

I am designing and developing an auction platform for real estate property marketplace. Tapu.com's platform stack based on java,spring mvc, hibernate, mysql, redis, memcache, rabbitmq, mongodb, neo4j, solr, angularjs and aws services. I am using ec2, rds, s3, cloudfront as aws services. Tapu.com is a startup project and i joined the team on early stage. I was single developer to design, implement, deploy and monitor the system. But now we are small team which has three member, one frontend developer and one backend developer and me. I am leading this small team and responsible from tapu.com technology decision.

I designed and implemented Future job project which is a java,mongodb project. It is saving tasks for future and process them when time is reached.

I designed and implemented Customer graph project which is a python,neo4j,mysql,mongodb project. It is collecting customer data from system persisted from mysql, mongodb and then persisting to graph database. Business analysts are using graph database to discover new selling opportunities.

Oben

20.05.2018

Senior Software Engineer

I am participating part time remotely in a Blockchain cryptowallet project which is based on PaiCoin. It is distributed between 15 team members. I am working on 2 different projects simultaneously. One of them is BlockExplorer which is an explorer of blocks between Pai chains. Other is a middleware project between Python workers and java restful endpoints. It is a part of PAI platform project. I am interacting with java 8, spring, mongoDB, WildFly and Json RPC. It is docker based containerized application.

mihlabs  
Software Architect  
**apartmantv.com**

01.02.2015

I designed and implemented location based ad platform myself. It's platform stack based on groovy, grails and mysql.

www.iddaala.net

I designed and implemented project backend myself. It's platform stack based on java, spring, mysql, couchbase and redis. Couchbase and redis are used for cache solution and Neo4j is used for main data storage. Mysql used for cronjob storage . Spring data used for dao layer. You can download it from <https://play.google.com/store/apps/details?id=net.iddaala.app> .

Spades

I designed and implemented project AI module. AI clients are playing spades with real people like real player. You can download it from <https://play.google.com/store/apps/details?id=net.mihlabs.game.spades&hl=en>

Hearts

I designed and implemented project AI module. AI clients are playing spades with real people like real player. You can download it from <https://play.google.com/store/apps/details?id=net.mihlabs.game.hearts&hl=en>

teamed.io

01.04.2015 — 01.10.2015

Software Engineer

I worked as remote developer for teamed.io. I worked on 2 different open source project. One of them is Takes which is true object-oriented and immutable Java web framework. And other one is netbout project. Netbout is a private talks website.

n11.com

01.07.2012 — 01.04.2016

Lead Software Engineer

I designed and implemented large e-commerce system for Dogus planet using Java, Spring, Hibernate, Spring MVC, Grails, Scala and JSF for Unix Environments. I managed a scrum team which has seven members. My and my team's responsibilities are bulk product import for platform, product detail page, search page. We also designed and developed RtDash project using java, scala, kafka, spark, cassandra and websocket. It is a real time dashboard for e commerce platform statics monitoring. I designed and implemented Baazar Project which is a grails project. It is an integration application for marketing websites like Google Merchant center, criteo and some other affiliate marketing platforms. I designed and implemented CSV generator which is a scala, akka project. It is an integration application for recommendation engine.

Aksigorta

01.11.2011 — 01.07.2012

Software Engineer

Aksigorta is an insurance company. I was working with Java/Spring Technologies. In this Project i was using Seam, JSF 1.2, IceFaces, Spring, Hibernate, PL/SQL, Oracle. One of the sub project of SAT it was Kasko-Hasar-Hasarsizlik i used Spring, Hibernate, JSF 2.0,

PrimeFaces, Oracle and also for source version control i used GIT. SAT was transformation project from Oracle Forms to Java.

Huawei Turkey 01.09.2010 — 01.11.2011  
Software Engineer

I worked for this project almost 14 months. It was about creating a new social network. It was a research and development project. I implemented user interface parts, contact server, feed server and android client using java, groovy, spring, mongodb, cassandra. I and one of the our team member, chinese member, we developed contact server together. I stayed in Shenzhen, China for 4 months to develop SA project.

Aradiom Tic. Ltd. Şti 01.09.2008 — 01.11.2009  
Software Engineer

I used core java.

Naryaz Tic. Ltd. Şti. 01.05.2008 — 01.09.2008  
Junior Software Engineer

I used core java.

## TECHNICAL SKILLS

### **Programming Languages**

Java,Groovy,Scala,Nodejs, Python, JavaScript, Ruby

### **Web Frameworks**

Spring MVC ,Grails,JSF ,Play!Framework, Rails

### **Databases**

MySQL ,Postgresql, Oracle, Neo4j, Redis, MongoDB, Couchbase, Rethinkdb

### **ORM Tools**

GORM , Hibernate, Spring Data

### **Concepts**

Agile Methodologies, Big Data, E-Commerce, Key Value Databases , Functional Programming, Web Programming, Continuous Integration, Refactoring ,Object Oriented Programming, Graph Databases, Design Patterns, TDD, Clean Code, DevOps

### **Tools and APIS**

Git, Maven, Gradle,Jenkins, Sonar, Confluence, Jira, Kafka, Spark, AWS, Docker, Solr

## EDUCATION

Hadoop for Developers,

2014

Pivotal

Functional Programming Principles  
in Scala

Coursera

Principles of Reactive Programming

Coursera

Computer Engineering

Istanbul University

2005 — 2009

CERTIFICATIONS Functional Programming Principles in Scala  
Principles of Reactive Programming  
MongoDB for Java Developers  
Neo4j Certified Professional

PUBLIC <http://stackoverflow.com/users/652945/erimerturk>  
PROFILES <https://www.linkedin.com/in/erimerturk>  
<https://github.com/erimerturk>  
<https://bitbucket.org/erimerturk/>