

# Alper KURTUL

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I am currently working as **Senior Software Engineer & Domain Architect** with **BSc degree in Computer Sciences And Engineering** and I have also **Master of Business Administration** degree.

I have been in a lot of project team, which develops software projects on enterprise solutions, as a development team member or team lead. I also have experience Agile/Scrum project management methodology in software development projects.

Working as a software engineer for over 25 years, my experiences in software development technologies varies from IBM Mainframe Systems to the latest software development technologies such as Java, Spring MVC, Spring Boot, Javascript, SPA with MVVM pattern, Flutter, React JS, React Native.

I am also carrying out Domain Architect tasks for the last 4 years. As a Domain Architect, I have been doing architectural designs of our business projects in my domain as compatible with the reference architectures in our company. And I am also responsible for controlling the implementation of the designs that I made.

While architectural designs and development of the software applications, I have been using microservices architecture patterns, event-driven design patterns. Some of the components that I used are Kafka for messaging queue, Hazelcast for caching, MongoDB for noSQL DB, Elasticsearch for data analytics solutions, API designs, RestAPI, gRPC, and etc.

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All I have explained until now are some experiences that I have gained during my business life. I have also some additional qualifications that I have gained by self-effort. If I summarize my additional qualifications in short;

- + Developing Cross Platform Mobile Applications using Flutter
- + Developing SPA Web Applications using React JS
- + Studying on Amazon Web Services(AWS) and preparation for the certifications

If you want to see some of the projects that I work on in my spare time, you can take a look at my GitHub profile: <https://www.github.com/alperkurtul>

In my resume below, you would also find summaries of my job duties, education history and certificates that I achieved.

## **TRY MY WEATHER APP (developed in FLUTTER)**



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## SKILLS AND KNOWLEDGE

- **Languages and Frameworks:** *Java SE, Java EE, Spring MVC, Spring Boot, Dart, PHP*
- **Mobile Development:** *Flutter ( iOS and Android ), React Native ( iOS and Android ), Swift ( iOS )*
- **Mainframe Systems:** *PL/1, COBOL, CoolGEN, Batch jobs, JCL*
- **Web Development:** *React JS, Javascript, WordPress, Joomla, HTML, CSS*
- **Database Systems:** *Oracle, MongoDB, DB2, MySQL, SQL Server*
- **Operating Systems:** *MacOS, Windows*

- **Others:**

*Spring Framework*

*( Spring MVC, Spring Boot, Spring Data, Spring RESTful API, Spring Cloud, Hibernate, Junit, Mockito )*

*Containerization, Dockerization, Microservices Architecture*

*Firebase ( Authentication, Database, Storage, Cloud Functions )*

*Red Hat OpenShift, JBoss, Amazon Web Services (AWS)*

*IntelliJ, Visual Studio Code, Maven, Github, Bitbucket, SonarQube*

*DevOps, CI/CD, Jenkins, Nexus Repository, JFrog Artifactory*

*MongoDB, Kafka, Hazelcast*

*MS Internet Information Server, Apache Server*

*Agile Methodologies and Agile Software Development*

- **Courses & Certificates:**

*IBM: Architectural Thinking ([credential](#))*

*Red Hat : Cloud Native Application Development on OpenShift*

*Red Hat : Service Mesh and Serverless*

*Developing Enterprise Applications using Spring 5*

*Developing RIA using HTML5, CSS3, and JS*

*Java SE 8 Programming*

*Agile & Scrum Fundamentals*

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## JOB EXPERIENCES

GARANTI TEKNOLOJİ (Garanti Bilisim Teknolojisi ve Tic.T.A.S.), Istanbul, (March 2000 - Present)  
Garanti Teknoloji (which has more than 1500 employees - <https://www.garantibbvateknoloji.com.tr>) is the IT company of Garanti BBVA Bank (<https://www.garantibbva.com.tr>).

*Current Position:* Senior Software Engineer – Domain Architect

*Projects :*

- Consumer Loans projects
- Stock Exchange projects for Istanbul Stock Exchange
- Securities projects (such as Bonds, Funds, Stocks projects) for Garanti Bank and Garanti Securities

*Development Tools/Environments :* Java, Javascript, CSS, Spring MVC, Spring Boot, Eclipse, IntelliJ, Visual Studio Code, Cool:GEN Toolset, PL/1, COBOL, JCL, Mainframe Batch jobs

*Development Platform :* Oracle, DB2, OpenShift, JBoss, IBM MVS Mainframe, CICS

Argesoft Bilgisayar Hizmetleri San. ve Tic. Ltd.Sti., Istanbul, (November 1998 - March 2000)

*Position:* Software Development Specialist – Project Leader

*Projects :* ArgeLease ( for Leasing Companies )

Complete solution for Leasing companies, including Marketing, Operation, Accounting, Funds Management, Fixed Assets

*Development Tools :* Visual Basic, MS Access, MS SQL Server, MS FrontPage, MS InterDev, ASP, VBScript, HTML

SFS Danismanlik Bilgi Islem Ltd.Sti., Istanbul, (May 1998 - November 1998)

*Position:* Analyst Programmer

*Projects :* Winsure ( for Insurance Companies )

*Development Tools :* Visual Basic, MS Access, MS SQL Server, MS FrontPage, MS InterDev, ASP, VBScript, HTML, Oracle

Pakom Bilgi Islem Ltd.Sti., Istanbul, (October 1997 - May 1998)

*Position:* Analyst Programmer

*Projects :* PHILIPS Service Automation Project - PDKS ( Personnel Attendance Control System )

*Development Tools :* Visual Basic, MS Access, MS SQL Server, MS FrontPage, MS InterDev

Model Bilgi Islem Ltd.Sti., Istanbul, (October 1995 - November 1996)

*Position:* Programmer

*Development Tools :* MS Access, MS SQL Server

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## EDUCATION

Adana Borsa High School, ADANA, 1991

Computer Sciences And Engineering, Yildiz Technical University, ISTANBUL, 1998

Master of Business Administration, Yeditepe University, ISTANBUL, 2006

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## PERSONAL AND CONTACT

**Birth Place / Date:** *Antakya-TURKEY / 16.05.1974*

**Resume site:** <http://resume.alperkurtul.com>

**Hobbies:** *Playing Drum, Trekking/Outdoor activities, Bicycle, Swimming*

**Email:** [alperkurtul@gmail.com](mailto:alperkurtul@gmail.com)

**Languages:** *English*

**Web site:** <http://www.alperkurtul.com>

*( Written : Well , Reading : Well, Spoken : Well)*

**Linkedin:** <http://www.linkedin.com/in/alperkurtul>

**Github:** <https://www.github.com/alperkurtul>

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## MY REFERENCE PROJECTS on GITHUB

### WEATHER PROJECT with REAL-TIME DATA from [OpenWeather](#)



#### *Backend Application using Spring Boot*

- Source Code: <https://github.com/alperkurtul/weather-me-spring-boot>

#### *Web Application using React JS*

- Source Code: <https://github.com/alperkurtul/weather-me-reactjs>
- Web Site: <http://weatherme.alperkurtul.com>

#### *Mobile Application (iOS & Android) using Flutter*

- Source Code: [https://github.com/alperkurtul/weather\\_me\\_flutter](https://github.com/alperkurtul/weather_me_flutter)
- Demo Video: <http://resume.alperkurtul.com/wp-content/uploads/2021/09/weather-me.mp4>
- Apple App Store:  <https://apps.apple.com/tr/app/weather-me/id1661815054>
- Google Play Store:  [https://play.google.com/store/apps/details?id=com.alperkurtul.weather\\_me&hl=en&gl=US](https://play.google.com/store/apps/details?id=com.alperkurtul.weather_me&hl=en&gl=US)

## LIBRARIES for GOOGLE FIREBASE FEATURES

### *Firestore User Management and Authentication in Spring Boot*

- Source Code: <https://github.com/alperkurtul/spring-boot-starter-firebase-user-authentication>
- Artifact on MVN Repository: <https://mvnrepository.com/artifact/com.github.alperkurtul/spring-boot-starter-firebase-user-authentication>

### *An Easy Way to Access Firebase Realtime Database in Spring Boot*

- Source Code: <https://github.com/alperkurtul/spring-boot-starter-firebase-realtime-database>
- Artifact on MVN Repository: <https://mvnrepository.com/artifact/com.github.alperkurtul/spring-boot-starter-firebase-realtime-database>

### *Demo for Firebase User Authentication & Firebase Realtime Database*

- Source Code: <https://github.com/alperkurtul/spring-boot-starter-firebase-realtime-database-demo>

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## UDEMY COURSES

## ARCHITECTURE

### *Amazon Web Services*

- Ultimate AWS Certified Solutions Architect Associate SAA-C03
  - Link: <https://www.udemy.com/course/aws-certified-solutions-architect-associate-saa-c03/>

## WEB & MOBILE

### *React JS*

- Complete React JS web developer with ES6
  - Link: <https://www.udemy.com/complete-react-js-course/>
  - Certificate: <https://www.udemy.com/certificate/UC-51a58869-6c5a-4e3d-b349-f568c25d9123/>
- React - The Complete Guide (incl Hooks, React Router, Redux)
  - Link: <https://www.udemy.com/react-the-complete-guide-incl-redux/>
- Secure Your ReactJs Applications With Auth0
  - Link: <https://www.udemy.com/secure-your-reactjs-applications-with-auth0/>
  - Certificate: <https://www.udemy.com/certificate/UC-1f81d810-5bed-43f6-a8dc-1e4d0a7c3bad/>

## React Native

- React Native - The Practical Guide
  - Link: <https://www.udemy.com/react-native-the-practical-guide/>

## Flutter

- Flutter & Dart - The Complete Guide [2023 Edition]
  - Link: <https://www.udemy.com/course/learn-flutter-dart-to-build-ios-android-apps/>
  - Certificate: <https://www.udemy.com/certificate/UC-831e8675-e1b9-4eac-b25e-97cf2201dae7/>
- The Complete 2021 Flutter Development Bootcamp with Dart
  - Link: <https://www.udemy.com/course/flutter-bootcamp-with-dart>
  - Certificate: <https://www.udemy.com/certificate/UC-0bcfdbd3-fc6b-4db1-8973-041d49194607/>

## Swift

- iOS 12 & Swift - The Complete iOS App Development Bootcamp
  - Link: <https://www.udemy.com/ios-12-app-development-bootcamp/>

## HTML & CSS

- A Web Development Crash Course in HTML5 and CSS3
  - Link: <https://www.udemy.com/crash-course-html-and-css/>
  - Certificate: <https://www.udemy.com/certificate/UC-8JARYDTU/>
- HTML and CSS: The Super Fun Beginner's Course
  - Link: <https://www.udemy.com/ht-mlcss/>
  - Certificate: <https://www.udemy.com/certificate/UC-ZBTPS5ZQ/>
- Web Design for Web Developers: Build Beautiful Websites!
  - Link: <https://www.udemy.com/web-design-secrets/>

## JAVA & SPRING

- Practice Java by Building Projects
  - Link: <https://www.udemy.com/practice-java-by-building-projects/>
- Java 8 Functional Programming: Lambda Expressions Quickly
  - Link: <https://www.udemy.com/java-lambda-expression-video-tutorial/>
  - Certificate: <https://www.udemy.com/certificate/UC-W6QTU1TW/>
- Java Servlets and JSP - Build Java EE(JEE) app in 25 Steps
  - Link: <https://www.udemy.com/learn-java-servlets-and-jsp-web-application-in-25-steps/>
- Master Microservices with Spring Boot and Spring Cloud
  - Link: <https://www.udemy.com/microservices-with-spring-boot-and-spring-cloud/>
  - Certificate: <https://www.udemy.com/certificate/UC-GUKY6OWL/>
- Spring Data JPA Using Hibernate
  - Link: <https://www.udemy.com/spring-data-jpa-using-hibernate/>

## WORDPRESS

- **How to Make a Video Blog Website From Scratch w/ Wordpress**
  - Link: <https://www.udemy.com/how-to-make-a-video-blog-website/>
  - Certificate: <https://www.udemy.com/certificate/UC-SJGLQF5L/>
- **Create Multilingual Websites using Wordpress**
  - Link: <https://www.udemy.com/multilingual-website-wordpress/>
  - Certificate: <https://www.udemy.com/certificate/UC-H8N0AYQC/>
- **How To Create A Website using WordPress**
  - Link: <https://www.udemy.com/how-to-create-a-website-using-wordpress-step-by-step/>
  - Certificate: <https://www.udemy.com/certificate/UC-E7DTCEKK/>