

Vedat Kilic

Full Stack Developer/iOS Android Engineer/Frontend Developer

Experience

2017–Present **Senior Full Stack Developer**, *Turkcell Technology Research and Development*, Istanbul, Turkey.

- A member of fizy team (<http://fizy.com>).
- Java Concurrency, Microservice Architecture, Spring Cloud Netflix Implementations (Ribbon, Zuul, Eureka Service Registry, Config Server, Gateway).
- ELK (Elastic, Logstash, Kibana) for log management.
- Solr & Elastic Search.
- Angular, TypeScript, ES6, Gulp, Grunt, Webpack, NodeJs, Bower and modern client side technologies for fizy web development.
- Spring Boot, Spring Security, Spring Cloud, Hazelcast, Redis, Ehcache, Memcached.

2013–2017 **Senior Software Specialist**, *Garanti Technology*, Istanbul, Turkey.

- Worked on development of cross-platform highly scalable seamless mobile banking infrastructure based on hybrid architecture.
- Made high-level design choices, dictated technical standards including software coding standards, tools and platforms.
- Mentored other colleagues.
- Solved technical, security and performance issues of web sites and applications for all tiers in infrastructure.
- Made performance and stress tests collaborating with system, network and other related groups.
- Designed and developed architecture of integrating social media with digital banking channels.
- Worked on personal and corporate Internet banking development using Java, Maven, Spring, JavaScript, jQuery, Objective-C.
- Provided solutions for general problems and enhancements.

2013 **R&D Engineer**, *Kentkart*, Izmir, Turkey.

- Designed hardware for GPS Tracking, Electronic Payment System and Transportation System.
- Advanced PL/SQL, Performance Tuning of Queries, Oracle Database, Database Design and Query Optimization.
- Application development with technologies: PHP, Java, JSP, Javascript, JQuery, CSS, HTML5, SOAP, REST, .NET.

2011 **Internship**, *Dokuz Eylul University*, Izmir, Turkey.

- Power card design for electronic circuit.
- Electronic card design with Altera, Proteus and Pspice.

- 2011 **Internship**, *ASELSAN*, Ankara, Turkey.
 ASELSAN is a Turkish corporation that produces tactical military radios and defense electronic systems for the Turkish Armed Forces.
 ○ Designed laser marking hardware of tank shot system.
 ○ Developed software about laser marking of tank shot system using programming languages and technologies: FPGA, C, C++, Qt.
- 2010 **Internship**, *Turkish Radio and Television Corporation (TRT)*, Istanbul, Turkey.
 ○ Designed Network, Maintained Network and Performance Tuning of Network.

Skills

Team & Agile Collaboration	Collaboration, communication, planning & estimation, agile development practices, Scrum
Back-End Development	API design and development, app architecture, micro-services, Node.js, PHP, C#.NET, Java, JUnit, Spring, Spring Boot, Spring Cloud, Maven, Gradle, REST, SOAP
Front-End Development	JavaScript (ES5, ES6), React, AngularJs, Polymer, HTML5, CSS3, Sass
Mobile	Swift, Objective-C, Java, RxJava
Others	C, C++, Java, PL/SQL, SQL, OpenCV, OpenGL, Git, SVN, CA SCM
Database	Database architecture, modeling, query optimization, MySQL, PostgreSQL, MongoDB, Oracle
Developer Operations	Docker, AWS, Heroku, Github, Bitbucket, Tomcat, JBoss, Websphere, Visual Studio Code, PL/SQL Developer, Eclipse, IntelliJIDE, XCode, Interface Builder, Android Studio, Atom, SublimeText, Microsoft SQL Server

Education

- 2010–2013 **BS, Computer Engineering**, *Dokuz Eylul University*, Turkey.
 Ranked 3rd in Computer Engineering Department in terms of CGPA (3.5/4).
- 2007–2013 **BS, Electrical and Electronics Engineering**, *Dokuz Eylul University*, Turkey.
 Ranked 1st in E&E Engineering Department in terms of CGPA (3.62/4).

Projects

Vehicle Tracking System, Website & Mobile Application & Hardware Design.

A vehicle tracking system based on BeagleBone. Includes cross-browser website, mobile application for Android and IOS and desktop application for all operating system based on Qt.

IDE for 8051 Intel Microprocessor, Qt Application.

Developed an IDE for 8051 microprocessor. IDE includes a 8051 simulator, memory map, lexical and syntax analyzer and I/O pin voltage level led indicator.

Android Mobile Phone Tracking System by using GPS, Wi-Fi, Cell-ID, Android Application.

Tracking system for phone which has Android OS and show current position of phone on map online.

Design and Implementation of an Unnamed Flying Object: Quadrotor.

Designed a quadrotor with four propellers. Implemented and designed hardware of quadrotor, developed open source quadrotor software based on Kalman Filter and PID Space Equation.

Design and Realization of an Automation System using Microcontroller Based IO Units and Ethernet Network.

Designed an alternative system to PLC using PIC microprocessor.

Symbolic Circuit Analyzer.

Designed simple and user-friendly electronic circuit analyzer like Pspice. Program includes state equation of circuit according to I/O selection.

Android Employee Login-Logout System with RFID Card Reader, *Android Application.*

Phone based employee entry-exit tracking system for companies.