

Vedat KILIÇ

Java / IOS/ Android / JavaScript / Full Stack Developer | Software Architect | Mentor | Breaking down Complex Systems

(+90) 507 576 50 08
kiliavedat@gmail.com



About

I've walked two roads in my life, the first is Electrical and Electronics Engineering and the second is Computer Engineering. These two roads complement each other well and they allowed me to become an exceptionally well-rounded program developer, with a keen eye for balance between performance, hardware, algorithms and software. I am also a very savvy full stack developer, with experienced Server, Network, and Hosting Environment, Data Modeling, Business Logic, API Layer/Action Layer/MVC, UI and UX. I've developed many embedded systems, web and mobile applications and I'm armed with impressive technical skills, different programming languages, problem solving skills, handling bugs skills and working under extreme pressure. I make sense of complexity whether it's multi level technology challenges, or complex systems and architectures. Recently, as a senior software engineer, I've been developing hybrid application for mobile platform by using Java EE, Javascript, Spring MVC, Hibernate, JSP. I am a mentor for Java, Javascript and Spring. I'm developing modules, Javascript libraries, Java API which used by other colleagues. I'm measuring performance of application, network and server, and making performance tuning of them.

Experience

Senior Software Developer, Garanti Technology

Istanbul, Turkey — 2013-2015

- Worked on development of cross-platform highly scalable seamless mobile banking infrastructure based on hybrid architecture.
- Developed hybrid application for mobile platform by using Java EE, Javascript, Spring MVC, Hibernate, JSP.
- Developed modules, Javascript libraries, Java APIs used by other colleagues.
- Made performance and stress tests collaborating with system, network and application, performance analysis and performance tuning.
- Designed and developed architecture of integrating mobile banking system
- Mentored to colleagues.
- Provided solutions for general problems and enhancements.
- Defining Web Application Platform, Hybrid Application, Technology Selection, Technical Specifications, Coding HTML5, Javascript, Java, Objective-C for applications

Hardware Design Engineer/Software Developer, Kentkart

Izmir, Turkey — 2013

- 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.
- Web Application with PHP, Java, JSP, Javascript, JQuery, CSS, HTML5.
- SOAP, RESTFULL WebService using Java and .NET platform.

Internship, Dokuz Eylul University

Izmir, Turkey— 2011

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

Internship, Aselsan

Ankara, Turkey— 2011

- Digital Design Engineer.
- Designed laser marking hardware of tank shot system.
- Developed software about laser marking of tank shot system.
- Application based on FPGA and UI by using C, C++, Qt.

Internship, Turkish Radio and Television Corporation (TRT)

Istanbul, Turkey— 2010

- Network Engineer.
- Designed Network, Maintained Network and Performance Tuning of Network.

Education

Computer Engineering, Dokuz Eylul University

3.50 — 2010-2013

Ranked 3rd in Computer Engineering Department in terms of CGPA (3.5/4).

Electrical and Electronics Engineering, Dokuz Eylul University

3.62 — 2007-2013

Ranked 1st in Electrical and Electronics Engineering Department in terms of CGPA (3.62/4).

Projects

Vehicle Tracking System

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

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.

Object Detection

Multi platform object detection which doesn't depend on color and shape. Speed estimate for object.

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

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

Android Employee Entry-Exit System with RFID Card Reader

Phone based employee entry-exit system for company.

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.

Skills

- Java, Javascript, HTML 5, C, C++, PHP, C#, .NET
- MySQL, PostgreSQL, MSSQL, MongoDB
- Spring Framework, JUnit, AspectJ, jQuery, Freemarker, JSP, OpenCV, OpenGL
- HTTP, REST, JSON, SOAP, SMTP
- Github, SVN, CA SCM
- Eclipse, Ant, OS X, Windows, Visual Studio

Interests

I love reading crime novels and biographies about date person. I like watching science fiction, history and super-hero movies. I enjoy playing multi player games with my friends. I also enjoy travelling to historical place.