

Bariş Koç

Software Engineer

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<http://www.bariskoc.info> (Software Portfolio)
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Summary

Software engineer with ~9 years of experience in varying fields such as mobile development, full stack web development and game development. Worked on consumer apps and web apps, involved in many stages from idea to product. Experienced as a single developer and main part of the team. Evolved as a polyglot developer specialized in iOS development.

Skills

Advanced and up to date:

Objective-C, Ruby, Javascript, Ruby on Rails, Angularjs, PostgreSQL, MongoDB, CSS, Sass, Zurb Foundation, Twitter Bootstrap, NGINX, Puma, Unicorn, Thin, Ubuntu, Ansible, Digital Ocean, Heroku, Amazon AWS S3, Git, Xcode, RubyMine, WebStorm, Reveal, Charles, Adobe Photoshop, Adobe Illustrator, Sketch

Previous or a little experience:

C, C++, Actionscript, Java, Lua, C#, Redis, Neo4j, Backbone.js, Sinatra, Bower, Gulp, Grunt, Capistrano, Docker, CoreOS, Amazon AWS, HAProxy, Kibana, Elasticsearch, Logstash, OpenGL, OpenCV, Cocos2d for iPhone, Unity3d, Quartz Composer, Cinema 4D, Augmented Reality

Learning, experimenting, interested:

Swift, Node.js, Go, Rust, Erlang, Express, Phoenix, Meteor, React

Open Source Projects

BKAsciImage, <https://github.com/bkoc/BKAsciImage>

BKAsciImage is a library written in Objective-C which generates ASCII art rendered images from UIImage images.

BTCTraderApi, <https://github.com/BTCTrader/broker-api-objectivec>

Objective-C client of the BTCTrader broker API

Riplay, <https://github.com/bkoc/Riplay>

Riplay is a command line application written in Ruby to download Periscope replays.

Experience

(March 2015 - Present)

BTCTrader, Lead Mobile Engineer / Consultant

BTCTrader is a white label bitcoin exchange service.

<http://www.btctrader.com>

BTCTurk is a Turkish Lira based Bitcoin exchange using BTCTrader services.

<http://www.btcturk.com>

BTCTurk iOS App

<https://itunes.apple.com/tr/app/btcturk-bitcoin-borsas/id922611096>

- Joined after v1.0 to review the code. Improved the Objective-C source code by fixing bugs and applying OOD patterns
- Upgraded the application from iOS 6 to iOS 8
- Developed v2.0 & v3.0 using Objective C & C
- Merged iPad and iPhone apps into a universal iOS app using Auto Layout
- Internationalized and localized the application
- Managed the App Store review and publishing process

BTCTurk Mac Os X Today Widget

- Developed a bitcoin ticker application as today extension in Objective-C with Cocoa

BTCTrader Objective-C API

<https://github.com/BCTrader/broker-api-objectivec>

- Implemented and open sourced BTCTrader API in Objective-C according to specifications

(June 2015 - Present)

CMD, Software Architect & Business Development / Consultant

Cmd.to is an advanced platform which emerged as an improved version of cmd.fm project. It's an online command-line interface which provides features and services like news, search, games, music etc. The platform has a plugin system which is planned to be open sourced.

Cmd.to

- Helping with the transition process of Cmd.fm to CMD.
- Software architecture decisions
- Business decisions

(January 2014 - Present)

MenüyeBak, Founder, Full Stack Web & Mobile Software Engineer

MenüyeBak provides location based, social and visual restaurant menus. It is designed to answer the question "What to eat where?". Users review, rate and share individual menu items instead of the whole restaurant experience and each menu item gets its own score.

<http://www.menuebak.com>

- Designed, developed and maintained the whole application and services as the single developer.

MenüyeBak Back-end

- Ruby on Rails, PostgreSQL, MongoDB, Redis, Elasticsearch, Neo4j, Ansible, Puma, NGINX, Digital Ocean, Ubuntu, Docker, Heroku, Amazon AWS S3, Kibana, Logstash, Vagrant, RESTful JSON API, Twitter API, Facebook API, RubyMine

MenüyeBak Web Front-end

- Angularjs, Sass, Zurb Foundation, Twitter Bootstrap, Grunt, WebStorm

MenüyeBak iOS App

<https://itunes.apple.com/tr/app/menuebak/id894379061>

- iOS 7, Objective-C, Xcode, Reveal, Charles, Adobe Photoshop, Adobe Illustrator, Sketch

(January 2015 - March 2015)

MobileAction, iOS Engineer / Contractor

Mobile Action provides app store optimization and intelligence services for app developers.

Reviews & Ratings Analysis for iOS Apps iOS App

<https://itunes.apple.com/app/reviews-ratings-analysis-for/id961797966>

- Developed the application for iOS 8 in Objective-C
- UI/UX design
- Managed the App Store review and publishing process
- Tools: Xcode, Adobe Photoshop, Sketch
- Mobile action API, Google translate

Florist Now iOS App v2.6

<https://itunes.apple.com/app/florist-now-send-flowers-from/id418870703>

- Upgraded the app from iOS 5 to iOS 7 using Objective-C, Xcode
- Helped with UI/UX redesign
- Merged iPhone and iPad apps into a universal app by using Auto Layout
- Managed the App Store review and publishing process

(July 2014 - November 2014)

Workaxe, Full Stack Web & Mobile Software Engineer / Consultant

Workaxe is a digital agency which has worked with brands like IDO (İstanbul Deniz Otobüsleri), Nooka, Fizy and Bashla.

IDO, ido.com.tr

- Load testing and identification of bottlenecks in the stack
- Load balancing, optimization and scaling of the servers
- Caching strategies
- Angularjs, Ruby on Rails, Sinatra, Capistrano, Ubuntu, NGINX

Cmd.fm iOS App v1.0

<https://itunes.apple.com/app/cmd.fm-radio-for-geeks-hackers/id935765356>

- Developed the application for iOS 7 in Objective-C
- Helped with UI/UX design

Binocle, Cloud Syncing Notebook

(Project cancelled by client)

- iOS, Objective-C, OpenCV, Xcode

(2013 - Present)

Retro Soccer, Pet Project

Retro Soccer is a 2d mobile soccer game

- Cocos2d for iPhone
- Porting Cocos2d code base to Unity3d

(February 2012 - April 2012)

Cemtalı.com & Jamtul.com, Full Stack Web Developer / Contractor

Cem Talı is a well recognised Turkish photographer known for portraits of celebrities.

- Developed a simple CMS
- Ruby on Rails, MongoDB, Amazon AWS S3, Heroku

(July 2011 - September 2011)

Fdn Soft, Game Developer / Contractor

Casual Flash Games for PTT Çocuk

<http://www.pttcocuk.gov.tr/index.php?ptt=oyunlar>

- Designed and developed 5 casual Flash games with ActionScript: Ayrım Masası, Kargo Oyunu, Postacı, Pul Oyunu, Kahraman Postacı

(January 2011 - June 2011)

Refocus, Co-Owner, CTO

Kontrol Sende iPhone and iPad apps for TRT Okul Tv Channel

Removed from the store after the show final

- Developed the application for iOS 5 in Objective-C
- UI/UX design
- Managed the App Store review and publishing process

Kaft.com

- Our team developed an e-commerce platform for clothing. It is used as the first version of website of Kaft T-shirt brand.

Audio Visual Events

<https://vimeo.com/12809476>

<https://vimeo.com/12811018>

- Organized several interactive events such as Babylon Taksim Melting Pot, Melting Pot 2, Tomtom Street Opening, Audio Reactive Projection Mapping on Stage for Pamela Spence's Stil Zengini Album Release Party.

(February 2009 - March 2010)

Bukalumen, Co-Founder & Software Engineer

We have founded Bukalumen as an interactive urban marketing agency. We've focused on interactive projection systems, 3d video mapping, touch screens and touch tables, audio-visual stage shows etc. We've build our own realtime motion detection system and interaction software using infrared lights and computer vision. We decided to close after Microsoft Kinect came to the market.

BukaVision & BukaPhysics

<https://vimeo.com/12839935>

- C++, OpenGL, OpenFrameworks, Box2d, Quartz Composer, vvvv, three.js, Unity3d

(Sep 2008 - Feb 2009)

Medikoç Health Serv., Software Engineer

Designed and developed a simple CRM software for patient management using CakePHP framework

(June 2006 - Jan 2008)

Ceidot Game Studios, Game Developer & Sound Designer

Ceidot Game Studios was the biggest video game development company aimed for AAA titles founded in Turkey. It has founded in 2005 and closed in 2014.

Sovereign Symphony, RPG game

- Developed a scripting engine by implementing C++ and Lua bindings for the game engine
- Integrated Miles Sound Systems with the Gamebyro game engine

Designed and implemented a CRM project in JAVA using JavaBeans & JSF on IBM DB2 database and Exadel Studio & IBM Rational Software Development Environment.

(June 2005 - August 2005)

IBM, Intern as Software Engineer

HONORS & AWARDS

BKAsciiImage is featured in:

- iOSBytes podcasts by Code School <https://iosbytes.codeschool.com/episodes/69-episode-67-april-30th-2015>
- iOS Developer Tips <http://iosdevelopertips.com/graphics/convert-uiimage-to-ascii.html>
- Awesome iOS <https://github.com/vsouza/awesome-ios>

Cmd.fm iOS app, FWA Mobile of the Day: June 22 2015 <http://www.thefwa.com/mobile/cmd-fm>

Cmd.fm, Product Hunt's Best Startup of the Day with 550 Upvotes <http://www.producthunt.com/tech/cmd-fm>

Languages

Turkish (native), English, German

Education

Istanbul Bilgi University Istanbul (2008 - 2010)

MBA, Master of Business Administration

Bilkent University Ankara, (2003 - 2007)

Bs, Computer Science

Deutsche Schule Istanbul Istanbul (1995 - 2003)

Shameless Plug: <https://www.youtube.com/watch?v=pyhFpZPOQIA>