

Kemal Akkoyun

Reasoned Software Engineer

linkedin.com/in/kemalakkoyun
github.com/kakkoyun
stackoverflow.com/story/kakkoyun
kakkoyun.github.io

Reasoned "Full-Cycle" Software Engineer who tries to shift towards Cloud Infrastructure Engineering and Reliability Engineering.

I build distributed, real-time and message passing based microservice systems, reliability in mind, at scale. Nowadays, I optimize application performances and make services reliable.

I love learning new programming languages, distributed systems, diving deep into runtime systems, infrastructure as code and I have a special interest in automated testing.

Skills, Merits and Faculties

Soft Skills Open mindedness. Problem solving. Creativity. Leadership. Empathy. Time management. Teamwork. Communication. Analysis. Patience. Collaboration. Helpfulness. Accountability.

Development Methodologies Scrum, Kanban, Extreme Programming.

Programming Concepts Functional Programming, Object Oriented Programming, Concurrent and Parallel Programming, Generic Programming, Distributed computing, Test-driven Development, Object Oriented Design Patterns, Game Development, REST, Object Relational Mapping.

Programming Languages Go, Ruby, Java, Elixir, Python, Bash, JavaScript/NodeJS, Typescript, Erlang, Racket, Scheme, SQL, C#, C++, Objective-C, Swift, C, R, HTML/HTML5, CSS/CSS3, \LaTeX .

Software Frameworks, Tools and APIs	Ruby on Rails, Phoenix, Android, Dropwizard, Spring Boot, Gin, Gorm JQuery, AngularJS, Angular, React, React Native, iOS, Qt, Windows Phone, WindowsRT/Windows8, Django, Git, Linux.
Datastores	PostgreSQL, ElasticSearch, MySQL, Redis, RabbitMQ, Kafka, MongoDB.
Infrastructure Services	Amazon AWS (EC2, RDS, S3, Route53, ECS, SES, SQS, DynamoDB etc), Microsoft Azure, Linode, Digital Ocean, Firebase.
Infrastructure Tools	Terraform, Packer, Docker, Kubernetes, Mesos/Marathon, Puppet, Ansible, Chef, ELK.
Monitoring and Alerting	Prometheus, StatsD, Graphite, Datadog, Graphana, Sensu, New Relic, Sentry.
CI/CD	Jenkins, Drone, CircleCI, TravisCI.

Experience

- June, 2017 – Present **Senior Software Engineer**, MELTWATER, meltwater.com, Berlin, Germany.
Developing, programming, designing, maintaining and delivering several cloud services, APIs, web backends and applications. In Meltwater, we've "You build it, you own it" mentality, so building, deploying and monitoring products, in a well established agile and DevOps culture.
- September, 2016 – May, 2017 **Lead Software Engineer**, VISPERA INFORMATION TECHNOLOGIES, vispera.co, Istanbul, Turkey.
Lead Web, Cloud and Mobile team. Designed, architect and developed cloud and mobile solutions, end-to-end. Mentored and trained engineers. Ensured shipment of web, cloud and mobile products.
- August, 2014 – September, 2016 **Software Engineer**, VISPERA INFORMATION TECHNOLOGIES, vispera.co, Istanbul, Turkey.
Took full responsible for development of cloud and mobile services. Developed, programmed and designed several cloud services, backends and web applications. Designed, developed several mobile applications. Deployed and maintained several web applications and services. Helped to develop native desktop applications and services for internal usage and operations. Mentored and trained engineers.

October, 2012 – **Junior Software/Product Engineer**, FAZLAMESAI, fazlamesai.com,
May, 2016 Istanbul, Turkey.

Took end-to-end responsibility, through life-cycle of several software products. Programmed, developed and helped to design mobile applications for various products. Programmed, developed and maintained various web services and web applications for various products.

Education

2016–2017 **Master's degree, Computer Engineering**, *Bogazici University*, Istanbul, Turkey, ***Not graduated***.

2010–2014 **Bachelor's degree, Computer Science**, *Istanbul Bilgi University*, Istanbul, Turkey, ***GPA – 3.92/4.0***.

2008–2010 **Bachelor's degree, Physics**, *Middle East Technical University*, Ankara, Turkey, ***Not graduated***.

2006–2008 **Bachelor's degree, Philosophy**, *Galatasaray University*, Istanbul, Turkey, ***Not graduated***.

2003–2006 **High School**, *Izmir Turk Science High School*, Izmir, Turkey, ***GPA – 4.55/5.0***.

Awards

June, 2014 First place in program, class of 2014 at Istanbul Bilgi University

June, 2014 Second place in all programs of faculty, class of 2014 at Istanbul Bilgi University

June, 2014 Third place in all programs of university, class of 2014 at Istanbul Bilgi University

2010–2014 Full University Scholarship at Istanbul Bilgi University

Projects

- June, 2015 – **PsycUp**, Istanbul, An online social media platform..
May, 2016 Developed and maintained web application, front-end and services for platform using *Ruby/Rails, jQuery, Bootstrap*.
- January, 2015 – **Q Content and Community**, Istanbul, An online content publishing and community driven social media platform.
May, 2016 Developed and maintained web application, front-end and services for platform using *Ruby/Rails, jQuery, Bootstrap*, programmed a RESTful JSON API for mobile clients. Contributed to development of mobile applications, mostly worked on *Android/Java* client.
- June, 2013 – **ymuse**, Istanbul, A sophisticated client for ymuse.com (Turkish Music Database). Puts album presentation in the center. Shows new ways to explore music with a comfortable presentation.
Present Developed and maintained web application, front-end and services for platform using *Ruby/Rails*, programmed a RESTful JSON API for mobile clients. Programmed and developed mobile applications, mostly worked on *Android/Java* client and contributed to *iOS/Objective-C* client of platform.
- November, 2012 – **TurkcellTV**, www.turkcelltv.com.tr, Istanbul, Video On Demand, Live TV streaming, social TV on multiple platforms (Web, iOS, Android).
– June, 2014 Developed and maintained web service and HTTP API for platform written in *Python/Django*. Programmed, developed and maintained *Java/Android* client for platform.
- November, 2012 **Bizimleye**, www.bizimleye.com, Istanbul, bizimleye is a social dining network that focused on subject matter and guest and brings people together at restaurants..
Developed and maintain web application and web service for platform using *Python/Django, JQuery*.

Languages

Turkish **Native**
English **Advanced**
German **Basic**

Volunteer Works

- April, 2013 **Free Software and Open Source Days 2013**, *Organization Committee*, Istanbul, Turkey.
- April, 2012 **Free Software and Open Source Days 2012**, *Organization Committee*, Istanbul, Turkey.
- April, 2011 **Free Software and Open Source Days 2011**, *Volunteer Worker*, Istanbul, Turkey.
- 2012–Present **LKD (Linux Users Association)**, *Member*, Istanbul, Turkey.
- September, 2011 **COLLNET 7. International Conference on Webometrics, Informetrics and Scientometrics (WIS) 2011**, *Organization Committee*, Istanbul, Turkey.
- April, 2011 **Free Software and Open Source Days 2011**, *Volunteer Worker*, Istanbul, Turkey.
- 2011–Present **Bugday Association for Supporting Ecological Living**, *Member*, Istanbul, Turkey.
- 2011–Present **World Wildlife Fund**, *Member*, Istanbul, Turkey.

Interests

- Traveling
- Dogs
- Tango
- Running
- Programming
- More dogs
- Lindy Hop
- Swimming

References

- Meltwater* **Necessary information will be provided at later stages**, Berlin, Germany.
- Vispera* **Ceyhun Burak Akgül**, +90 (532) 362 59 25, cb.akgul@vispera.co, Istanbul, Turkey.
- Fazlamesai* **Yusuf Boran Puhaloğlu**, +90 (532) 663 00 44, boran@fazlamesai.com, Istanbul, Turkey.
- Istanbul Bilgi University* **Mehmet Gençer**, +90 (505) 410 66 02, mgencer@bilgi.edu.tr, Istanbul, Turkey.