

Burak Dede

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EDUCATION

University of Yeditepe
Bachelor of Science
Major: **Computer Science and Engineering**
Istanbul, Turkey
December 2011
Course Work: Operating System, Network Programming, Algorithms

PROFESSIONAL EXPERIENCE

Lead Software Engineer *January 2015—Present*
Ode.al *Istanbul, Turkey*

- Started as an early engineer of the team(2nd). Helped the team to scale 8 engineers, participated in engineering interviews.
- Successfully moved the platform and data from Google App Engine to dedicated infrastructure (local regulations) and AWS (EC2, RDS, SQS, SNS).
- Rewrote backend functionality from monolith to tens of highly specific and loosely coupled services (Java+Dropwizard). Designed and implemented communication, authentication, monitoring, logging needs to make operations on services much smoother for the team.
- Shaped how engineering team work by employing modern version control (git), testing (unit, integration) and project management principles (jira+scrum/agile).
- Set up continuous integration, build and release management. Automated all build, testing and release cycle with Atlassian Bamboo.
- Integrated Docker for containerization for all microservices, decreased the server costs by %60 with Docker Swarm for managing Docker cluster especially for testing and staging environments.
- Scaled platform to handle 20k daily transaction to 250k within a year.

Software Engineer *August 2012—August 2014*
Yemeksepeti *Istanbul, Turkey*

- Successfully built, tested and launched API infrastructure for mobile and web using classic Microsoft stack .Net/C#, SQL Server and WCF with a team of 4 people.
- Moved the search backend from Microsoft FAST to Apache Solr for performance and stability reasons. Current site search functionality, mobile apps, and API related methods work on this new infrastructure.
- Decreased search hardware cost from 8 machines small FAST farm to single Solr Linux instance. Decreased incremental re-indexing times which effects restaurant listings and problematic on/off functionality.
- Successfully launched MEA branch of the site in 5 months (foodonclick.com) with the team of 6 people using the same API as a single page application with Google Closure frontend and .Net/C#/WCF rest backend.

Software Engineer *September 2009—January 2012*
Turkcell Technology R&D *Istanbul, Turkey*

- As a part of the mobile team successfully designed, tested, helped and launched iOS, Android, Blackberry applications for subscriber base, group companies (Turkcell) and known clients (Ekşisözlük)
- Android platform İBB Trafik, Goller Cepte, Ekşisözlük, Turkcell Hesabım, Turkcell Videobul, iOS platform Turkcell MobilTV, İBB Trafik, and for Blackberry İşteKazan.
- As a member of infrastructure team made contributions to internal Java Web Application & Service Framework [Asinus](#) by implementing new features like client-side validation, bug fixing and working on first end product Gezenzi.com.
- Most of my work on Asinus was based on Spring Framework and reimplementing of its features. Asinus project was created to unify infrastructure and service development both internally and across group companies. Gezenzi.com, Gncplay.com, Wap-Turkcellim are some of the end products that use Asinus framework.
- Worked with recommendation team to increase recommendations quality based on log data from portal sources like Turkcell Store, TurkcellIm, Turkcell AppMarket. The product ends up being not used and they decide to move on with third party service instead.

Software Engineer Intern *June—September 2009*
Turkcell Technology R&D *Istanbul, Turkey*

- Worked with Next Generation Technologies team which work on GSM cards and networks. Helped the implementation of application solves encoding problems while streaming videos over 3G network, reduced time spent on this process.
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ENTREPRENEURSHIP & LEADERSHIP

Owner/Founder *January 2012—October 2012*
Vaarmi.com (*defunct now*) *Istanbul, Turkey*

- Designed buyer oriented marketplace to match sellers with buyers for service and goods. Won the best engineering award.
- Got 30k\$ seed round investment from StartupLabs, expanded my team to 3 people after investment.
- Created scalable API for the web and mobile app using Python, Tornado, Mysql for backend and Redis, Javascript for the real-time frontend.
- Developed first versions of the native mobile apps both for Android and iOS. Successfully launched apps on both app stores.

Winner *September 2011*
Android Hackathon *University of Yeditepe*

- Winner of the hackathon with SnapNSell Android application.

Finalist *September 2010*
Best Innovative Mobile Applications *University of Yeditepe*

ORGANIZATIONS

Vice Chairman

September 2010—May 2014

Computer Engineering Club

University of Yeditepe

- Organized CS student congress for more than 2000 CS students in Turkey. Hosted Richard Stallman as a keynote speaker.
<https://bilmok.org.tr>
- Successfully organized Open Web Days for 2 years. <http://www.ozgurwebgunleri.org.tr>

Certified Scrum Master

September 2012

Scrum Alliance

TECHNICAL COMPETENCIES & WEB PROJECTS

- Programming Languages: Java, Python, C, C#
- Web Dev: HTML, CSS, Javascript, Google Closure
- App Dev: Android SDK, iOS SDK, Android Studio, Xcode
- Data Query & Visualization: SQL
- Data Storage: Mysql, MongoDB, Redis, Microsoft Sql Server
- Toolbox: Git, Unix, Bash, Vim