Selem Delul

Experienced tech lead. 15+ years building and scaling web apps and cross functional teams.

✉ selem@selem.im

Work Experience

Tech Lead, NuVu Innovation Schools, Cambridge, MA
Jan 2017 - Current

- Tech Lead for developing the whole software suite for NuVu https://www.nuvuschool.org, a network of independent non-traditional schools
- Built an all remote-team for developing the web based main teaching platform, including a realtime collaborative presentation editor

Keywords: Ruby, Ruby on Rails, Javascript, React, CSS, PostgreSQL

Contractor
August 2010 - Jan 2017

- Worked on many Ruby/Rails related projects as a full-stack engineer focusing on backend:
- Lead Backend Developer for Legal Ready, a software company in legal space with many clients. I was responsible for day-to-day technical operations as well as overall technical architecture with a team of 5.
- Sole backend developer of Chumkee, a mobile social networking app.
- Sole backend developer of ApronAve.com, job search and aggregation site. Used Ruby On Rails for web backend and ElasticSearch for search and data aggregation.
- Sole backend developer of TrueNotify, a processor that aggregates events from servers and notifies users with email, sms and jabber based on rules. Used Esper and JRuby for event processing, Ruby On Rails for web backend.

Keywords: Ruby, Ruby on Rails, Javascript, CSS, JRuby, PostgreSQL

Software Engineer, TrendTech, Istanbul, Turkey
November 2008 – August 2010

- Developed the main modules (and its accompanying CMS) for Vodafone Turkey's mobile portal.
- Was the sole developer of many SMS based infotainment services for Vodafone Turkey (which included developing web based and multi-threaded GUI apps for subscription management, content management and charging of subscribers). Handled 300k paid subscribers.
- Built a payment API using mobile operator gateways (so users could be charged for premium services by their GSM phone number.)
- Rewrote web part of a Turkish social network to utilize a new design and its architecture.
- Developed a Facebook application that allows Turkish mobile phone users to send photos via MMS to Facebook, send SMS messages to their facebook friends and send their Facebook photos to their mobile phones.

Keywords: Java, PL/SQL, Spring MVC, Oracle

Work Experience (Cont.)

Software Engineer, Pikkle Games, Remote
August 2007 – August 2008

- Worked with a team of remote collaborators for a Ruby on Rails based mobile social network application tailored for Japanese users and flash-supporting mobile phones. Wrote many parts of the backend

Keywords: Ruby, Ruby on Rails, DataMapper, Merb

Software Engineer, Dogan Online Mobile, Istanbul
Februay 2006 – August 2007

- Developed backends for many SMS based end user services and mobile applications.
- Was in charge of system administration of about 10 linux boxes, running LAMP and Weblogic.

Keywords: Java, PHP, MySQL, Weblogic

Education

March 2009	Master of Science in Software Engineering Bogazici University Istanbul, Turkey
September 2005	Undergraduate Degree in Electronics and Communication Engineering Istanbul Technical Uni. Istanbul, Turkey

Selected Side Projects

- Quick Check SAAS for a web based bank check creator for an excuse to create a framework to quickly develop offline-first web apps.
- Google Summer Of Code 2007 attendee for Ruby Central, Inc. The project was to generate code from state machines for network protocols on top of EventMachine.
- Contributed to Rack(a Ruby Webserver Interface) for secure cookies.
- Contributed a set of patches to Active Merchant (Ruby payment processing library) to be able to process Turkish credit cards for payments.