Ziya Bayramov

Backend Developer

+994507034958 | ziya.bayramov.1@yandex.com | Maksim Qorki 24/42, Quba, Azerbaijan

PROFESSIONAL SUMMARY

A software developer with 8+ years experience, mostly involved in developing web and web based applications at any scale.

TECHNOLOGIES

Front End	Bootstrap, HTML5, JavaScript, React.js
Back End	Python, Django, Node.js (Express, Hapi, Sails), Ruby, Rails, Sinatra, PHP (Yii2, Laravel), Lua
Data Stores	MySQL, PostgreSQL, MongoDB, Redis
Web Servers	Apache HTTP Server, OpenResty/Nginx,
Operating Systems	Ubuntu, Mint, *Debian*, Fedora, Centos, *Red Hat*, ArchLinux, Mac OS

EXPERIENCE

Scientific Researcher | Dilmanc | Baku, Azerbaijan   2011 – 2012

Dilmanc is a government project which aims to develop next-generation technologies for Azerbaijani and Turkic languages, which include language technologies, information retrieval, machine learning and etc.

- Architected and developed TTS for Azerbaijani and other turkic group of languages
- Built a Language Model for Azerbaijani
- <u>Technologies</u>: *(Perl, Python, TCL, C, Fortran 77, HTS engine)*

Software Engineer| Vitta Scientific Technical Company | Baku, Azerbaijan   2014 – 2015

VITTA is the first professional company in Azerbaijan which was established for designing and manufacturing of specialized information systems, telecommunication, computer and medical hardware. The company was established by the leading professionals in the field of designing electronic military technologies in the structural units of the military-industrial complex of the Soviet Union.

- Development of data transmission application between portable medical devices and information systems based on HL7 protocol.

- Development of machine learning algorithms for risk group prediction based on acquired data

- Development of web based file management applications for internal usage

- <u>Technologies</u>: *Perl, Python, C, Octave*

Software Developer | Istech LLC | Baku, Azerbaijan   2015 – 2016

IsTech is a consulting and marketing form specialising in public administration and tourism, creative design and IT, established in 2012. We are proud of professional team and partnerships gained from successful implementations of different projects. Our goal is simple: we want to contribute to your success through our innovative, efficient, customized and value adding solutions.

- Development and maintenance of web applications for various clients, including government and private sector
- <u>Technologies</u>: Yii2, CodeIgniter/PHP, Bottle/Python, Ruby on Rails, SocketIO, MySQL, Postgresql, Redis, DynamoDB, AWS

Web Developer | Digitaz | Baku, Azerbaijan   2016 – 2017

An umbrella company holding the most visited ads sites and a news portal (oxu.az) in Azerbaijan.
- Migrated and refactored codebase from Rails 3.2 to 4.2
- Developed shared libraries to be used across all web apps.
- An API wrapper for mobile app [tap.az]
- <u>Technologies</u>: *Ruby on Rails, JavaScript, ReactNative (with ClojureScript) PostgreSQL, Redis,*

Lead Software Engineer | F5, Digital Solutions, E-GOV Development Center | Baku, Azerbaijan   2017 – 2019

A government funded company dealt with creating applications for government payments - utilities, fines, taxes, customs etc. Later changed its name on January 2018 to Digital Solutions with same occupation. On September 2018 company merged with newly founded E-GOV Development Center - a coordinating body is in charge of enforcing supervision in the field of formulation, implementation, integration and effective management of public information resources and systems, as well as promoting public awareness of services among the population.

- Built a self-service kiosk application
- API wrapper for low level device interaction (Bill Acceptor NV200, Cash dispenser VCDM, SmartCoin, Thermal Printer)
- Daemon for device backend
- Accountant, Management, Reporting modules
- CDN for all E-GOV applications
- Refactored MyGOV portal codebase to migrate from Java 1.6 to 1.9 (~10 repositories)
- <u>Technologies</u>: *React, Redux, Django, Falcon, Sinatra, Java, C, Arduino, Ansible, PostgreSQL, Tornado, MongoDB, MsSQL, Flask*

Senior Engineer | WeTravel | Baku, Azerbaijan   March 2019
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Payment platform for travel organizers

- Extracted trip building piece of app from Rails to a seperate Sinatra service
- Migrated trip enrollment service to a seperate Rack based application
- Implemented a pubsub and websockets based feeds service
- Working on standalone ElasticSearch based search/indexing service for trip/participant/vendor search
- <u>Technologies</u>: *Ruby on Rails, Express JS, sh, ActiveRecord, Sequel, Redis, RabbitMQ, MySQL, ElasticSearch*

EDUCATION

Uncompleted | Gazi University | Ankara, Turkey   2005–2009
- *Computer Engineering*

Uncompleted | Anadolu University | Ankara , Turkey   2008 – 2011
- *General Economy*

PUBLICATIONS & AWARDS

Winner of Barama Hackathon Series - 6th 2018 Fall Fintech Hackathon   2018

PROFILES

Twitter: *https://twitter.com/wrested*
StackOverflow: *https://stackoverflow.com/users/4481312/marmeladze*