Ag Ibragimov

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Software Developer

San Francisco Bay Area

About me

- Generalist: I am an experienced full-stack software developer; I have designed and implemented interactive, responsive, and adaptive web, and mobile apps; complex enterprise-level solutions; cloud services and APIs

- Team player: I have worked in diverse groups and companies of different sizes, on-site and remotely. I learned intricacies of being a remote worker long before that's become a wide-spread necessity

- Technical lead: I have established, trained and lead small groups of engineers

- Mentor: I have organized meetups and evangelized. I maintain a popular "M-x Tips" Twitter account, where I regularly post helpful tips and small code snippets

- Keyboard junkie and automation zealot: I relentlessly seek ways to enhance my own productivity, and help my colleagues to reduce the frustration associated with mundane, repetitive tasks

- Polyglot: I have attained proficiency in multiple programming languages, including Javascript, Typescript, Coffeescript, Lua, C#, Python, Clojure, and other dialects of Lisp

  I am also familiar with Haskell, Ruby, Java, and Go

  And I would love to explore other languages like Rust, Elm, Purescript, and OCaml

Professional experience

Dividend Finance

Fintech
San Francisco

Senior Software Developer
Since Nov 2018

clojure, clojurescript, re-frame, salesforce, heroku, jenkins, postgresql

Dividend Finance offers residential solar loans, home improvement, and PACE financing products. That includes web-portals for installers and home-owners, together with comprehensive API for partners: financial institutions and solar energy installation companies.

RESTful API is used as a back-end for Dividend's portals and as a public set of endpoints for partners. Built on Clojure stack (loosely based on Luminus) with Salesforce and PostgreSQL as the system of record.

Fronted apps are Clojurescript (Re-frame) based, with Material UI React components, meant to be utilized from mobile and desktop devices.

I have extensively worked on many projects, on both - front and back-end:

- Built an improved and revised web-portal

- Created an audit log system from scratch

- Helped to launch a partnership program with multiple capital providers such as Keybank

- Built internal document warehousing system

- Vastly improved testing practices and test coverage

Funding Circle

Fintech
San Francisco

Senior Software Developer
Feb 2016 - Aug 2018

clojure, clojurescript, kafka, om.next, re-frame, docker, apache mesos, circleci

Lending platform for small businesses. My role was to build a web-portal for FinOps teams, to allow them to track transactions, monitor deposits, manage reconciliations, etc., and maintain net capital compliance.

Portal was built in Clojurescript, initially using Om.next, later refactored to work with Re-frame. With a set of APIs (made with Clojure) on the back-end with materialized views in PostgreSQL, where data gets aggregated from Kafka clusters via Kafka Connect.

We have pioneered many unique ideas while building the portal.

Additionally, I have organized and hosted local Clojure meetup.

Multiple times my team has won the "Best Team" award. And I have personally awarded "Employee of the month" a few times

Mobitor

Medical Equipment Logistics
Walnut Creek, CA
Lead Front-end Developer
Apr 2015 - Feb 2016

babel.js, coffeescript, node, couchbase, rx.js, angular, karma, protractor, gulp, postcss, docker

Built a web-portal, suite for managing medical devices - orthopedic, spine surgery implants, and supplemental equipment.

Web-portal was Angular.js based, with node.js back-end that "talks" to API built in C#.

Invitae

Genomics
San Francisco
Lead Front-end Developer
May 2014 - Apr 2015

coffeescript, python, node, rxjs, ramda.js, angular, karma, protractor, gulp, d3, browserify, stylus, jade, elasticsearch

Built an asset tracking/dashboard web app. Angular.js based, written in Coffeescript with Python back-end (Django).

VEVO

Video hosting
New York City/San Francisco

Senior Software Developer
Jan 2012 - May 2014

javascript, coffeescript, c#, node, ASP.net, angular, AWS

- Implemented cloud-based, task-driven, scalable video encoding system.

  Redesigned from scratch, it was incredibly efficient, compared to the previous version. Benchmarks indicated - it was ten times faster.

  Written in C#, using SQS and DynamoDB for scheduling and state management

- Lead a group of developers in building admin web-site to be used by partners (ASP.net, Angular.js and Coffeescript)

- implemented Google Chromecast integration for Vevo apps

- Built Vevo app for Apple TV

- Participated in vevo.com redesign

Bunk1.com

Web services
New York City

Front-end Developer

2011

c#, javascript, asp.net, backbone, jquery, objective-c, xamarin tools

Web (ASP.net, jQuery) and mobile apps (Xamarin tools, c#)

USeDirect

Integrator
Roslyn Heights, NY

Application Developer

2010

c#, WPF

Microsoft Dynamics desktop UI shell (WPF, c#)

Focus Solutions

Integrator
Melville, NY

Application Developer

2010

c#, WPF, entity framework

Software suite for military facilities, for reliably and safely identify, track and maintain arms, ammunition, and explosives using RFID tracking

Freelance

New York City

Freelance Programmer

2009

c#, javascript, wordpress, php

- High-frequency trading app for Dimension Capital - fast, responsive, secure automated decision-making tool for trading (c#)
- QA automation for RI Communications Group (c#)
- Various small web projects (wordpress, php, javascript)

jobs before 2009 are not displayed; a complete list can be provided upon request.

Education

Tashkent University of Information Technologies

Bachelor of Software Engineering.