

# Ag Ibragimov

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Software Developer

## Summary

- Generalist: Full-stack software developer. Designed and implemented interactive, responsive, and adaptive web and mobile apps, complex enterprise-level solutions, cloud services, APIs.
- Team player: Worked in diverse groups and companies of various sizes, on-site and remotely.
- Technical lead: Established, trained and lead diverse groups of engineers.
- Mentor and a technical evangelist: Organized meetups, workshops, and study groups.
- Automation zealot: Relentlessly seeks ways to enhance productivity and reduce the frustration associated with mundane, repetitive tasks.
- Polyglot programmer: Proficient in multiple programming languages, including Javascript, Typescript, Lua, C#, Python, Clojure, Emacs Lisp, Fennel and other dialects of Lisp.

Familiar with Common Lisp, Haskell, Ruby, Java, and Go.

Would love to build things using PLs like Rust, Elm, Purescript, OCaml, Julia, Scala.

## Professional experience

### Cisco XDR

Cybersecurity

Remote

Senior Software Developer

Since June 2020

clojure, clojurescript, github actions,  
re-frame, elasticsearch, cypress.io

XDR (previously known as SecureX) is Cisco's famed cybersecurity threat detection and response platform.

- Since joining the team have worked on various parts of the platform, mainly, participated in expanding IROH (Incident Response Orcestration Hub) and CTIA (Cisco Threat Intelligence API).
- Hunted down and fixed many bugs; improved the elasticsearch stores; created different types of integrations for internal and third-party teams.
- Designed and developed a Web-UI for documentation team.
- Built extensive API for Cisco TAC (Technical Assistance Center) portal.

### Dividend Finance

Fintech

San Francisco/Part-time remote

Senior Software Developer

Nov 2018-May 2020

Dividend Finance offers residential solar loans; home improvement and PACE financing products. That includes web-portals for home-owners and solar installers; including a 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.

clojure, clojurescript, re-frame,  
salesforce, heroku, jenkins,  
postgresql, RabbitMQ, circleCI,  
puppeteer, selenium

## Funding Circle

Fintech  
San Francisco/Part-time remote  
Senior Software Developer  
Feb 2016-Aug 2018

clojure, clojurescript, kafka,  
rethinkDB, om.next, re-frame,  
honeySQL, docker, docker-compose,  
apache mesos, circleCI, ruby, ruby on  
rails

## Mobitor

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

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

## Invitae

Genomics/DNA sequencing  
San Francisco

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

Multiple large projects - front-end 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.
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- Implemented internal document warehousing system.
- Vastly improved testing practices and test coverage.

Lending platform for small businesses. Designed and built 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 restructured 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.

Pioneered many unique ideas while building the portal.

Additionally, have organized and hosted local Clojure meetup.

Multiple "Best team" awards. Repeatedly has been nominated and won the "Employee of the month" award.

Implemented 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#.

Designed and implemented an asset tracking/dashboard web app with various charts, graphs and spreadsheets. Angular.js based, written in Coffeescript with Python back-end (Django).

Lead Front-end Developer

May 2014-Apr 2015

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

## VEVO

Video hosting

New York City/San Francisco

Senior Software Developer

Jan 2012-May 2014

javascript, typescript, coffeescript, c#,  
node.js, ASP.net, angular, AWS, MS  
SQL server

- Designed and implemented cloud-based, task-driven, scalable video encoding system.

Redesigned the entire system from scratch, making it vastly more efficient. Benchmarks showed a tenfold increase in efficiency.

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).
- 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 (iOS).

## USeDirect

Integrator

Roslyn Heights, NY

Application Developer

2010

c#, WPF, MS SQL server

Microsoft Dynamics desktop UI shell (WPF, c#).

## Freelance

New York City

Freelance Programmer

2009

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

c#, javascript, wordpress, php

jobs before 2009 are not displayed, a comprehensive list can be provided upon request

## Education

Bachelor of Engineering

Tashkent University of Information Technologies.