Ag Ibragimov

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Software Developer

Summary

- Generalist: Full-stack 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 languages, including Javascript, Typescript, Lua, C#, Python, Clojure, Emacs Lisp, Fennel and other dialects of Lisp.

  Comfortable in Common Lisp, Ruby, Java, and Go.

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

- Cybersecurity Specialist: Understands the nature of vulnerabilities, exploits, cyber threats, adversary tactics, and techniques.

  Currently going through a SANS Institute certification course titled "Hacker Tools, Techniques, and Incident Handling".

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 an extensive API for the Cisco TAC (Technical Assistance Center) portal, reducing the number of incident escalations by nearly half.

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. The stack consisted of web portals for homeowners and solar installers, along with a comprehensive API for partners, such as financial institutions and solar energy installation companies.

I've worked on a RESTful API that's used as a back-end for Dividend's portals and as a set of public endpoints for partners. It's built on a Clojure stack, loosely based on Luminus, with Salesforce and PostgreSQL as the systems of record.

The front-end apps were based on Clojurescript (Re-frame), utilizing Material UI React components, and were designed for use on both mobile and desktop devices.

- 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.

- Implemented internal document warehousing system.

- Vastly improved testing practices and test coverage.

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

Funding Circle is a peer-to-peer lending platform.

- I have built a web-portal for FinOps teams, to allow them to track transactions, monitor deposits, manage reconciliations, etc., while maintaining net capital compliance.

  Portal was built in ClojureScript, initially using Om.next. It was later restructured to work with Re-frame. A set of APIs, made with Clojure, were created for the back-end. Materialized views in PostgreSQL were used, where data gets aggregated from Kafka clusters ingested via Kafka Connect.

  We introduced unique concepts in portal construction, such as utilizing Integrant to compartmentalize UI elements into individual components - including specs, styles, and render functions, essentially transforming them into highly versatile Lego pieces.

- Additionally, I have organized and hosted local Clojure meetup.

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

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

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

The web portal was developed using Angular.js, paired with a Node.js back-end, which communicated with an API constructed in C#.

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

Invitae

Genomics/DNA sequencing
San Francisco

Lead Front-end Developer

May 2014-Apr 2015

Invitae specializes in diagnostic DNA sequencing.

I've designed and implemented an asset tracking/dashboard web app with various charts, graphs and spreadsheets. Angular based, it was written in Coffeescript, and supported by Python back-end on Django.

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.

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

- Implemented Chromecast integration for Google's pilot program, demonstrating its compatibility with apps like Vevo.

- Built the Apple TV Vevo App.

- Played major part in redesigning the main website - vevo.com.

Bunk1.com

Web services
New York City

Front-end Developer

2011

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

- Designed an aesthetically pleasing and functional calendar widget for the web application (ASP.net, jquery).

- Developed an iOS App on Xamarin stack.

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

c#, javascript, wordpress, php

- 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).

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

Education

Bachelor of Engineering

Tashkent University of Information Technologies.