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: I have worked in diverse groups and companies of various sizes, on-site and remotely.

- Technical Lead: Established, trained and lead teams.

- Mentor and a technical evangelist: Organized meetups, workshops, study groups and training videos.

- Automation zealot: I relentlessly seek ways to enhance productivity and reduce the frustration associated with mundane, repetitive tasks.

- Polyglot Programmer: Proficient in: Javascript, Typescript, Lua, C#, F#, Python, Clojure, Emacs Lisp, Fennel and other dialects of Lisp.

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

  Would love building things using Haskell, Rust, Elm, Purescript, OCaml, Julia, Scala, etc.

- Cybersecurity Specialist: I understand 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

Senior Software Developer

Since June 2020

clojure, clojurescript, cypress.io, docker, elasticsearch, github actions, graphql, jvm, next.js, re-frame, react

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, participated in expanding IROH (Incident Response Orcestration Hub) and CTIA (Cisco Threat Intelligence API).

- Hunted down and fixed many bugs; improved 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

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, including a comprehensive API for partners - financial institutions and solar equipment installation

companies.

I've worked on the API - the backend for the web apps that was built on a Clojure stack, loosely based on Luminus, with Salesforce and PostgreSQL as the systems of record.

The frontend 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.

circleci, clojure, clojurescript, heroku, jenkins, jvm, postgresql, puppeteer, rabbitmq, re-frame, react, s3, salesforce, selenium, terraform

Funding Circle

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, and later we switched to Re-frame. A set of APIs, made with Clojure, were created for the backend. Materialized views in PostgreSQL were used, where data gets aggregated from Kafka clusters ingested via Kafka Connect.

  We introduced unique concepts on the front end, like using Integrant to compartmentalize UI elements into individual components - specs, styles, and render functions, essentially transforming them into highly versatile Lego pieces.

- I have organized and hosted local meetups.

- Multiple "Best team" prizes. I was repeatedly nominated and awarded the "Employee of the month"

mesos, circleci, clojure, clojurescript, docker, honeysql, jvm, kafka, om.next, re-frame, react, rethinkdb, ruby, ruby on rails

Mobitor

Lead Frontend Developer
Apr 2015-Feb 2016

Mobitor was a startup specializing on Medical Equipment Logistics.

I have implemented a web portal for managing medical devices - orthopedic, spine surgery implants, supplemental equipment.

Used Angular, paired with a Node backend, which communicated with a .NET API on C# and MS SQL Server.

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

Invitae

Lead Frontend Developer

May 2014-Apr 2015

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

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 backend on Django.

Vevo

Senior Software Developer

Jan 2012-May 2014

c#, angular, asp.net, coffeescript, dynamo db, javascript, ms sql server, node.js, s3, sqs, typescript

Vevo is the World's Leading Music Video Network.

- Designed and implemented cloud-based, task-driven, concurrent, 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 re-building Admin Web Site for partners and internal use. 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

Frontend Developer

2011

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

Bunk1 helps parents stay in touch with kids in summer camps.

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

- Developed an iOS App on Xamarin stack.

USeDirect

Application Developer

2010

c#, ms sql server, wpf

Is a Software Integrator.

I have worked on Microsoft Dynamics desktop UI shell (WPF, C#).

Freelance

Freelance Programmer

2009

c#, javascript, php, wordpress

- 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.