Andrew Goncharenko
Full Stack Web Application Engineer

Contact info:

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Green Card holder

Summary:

Full-stack Software Engineer with a specialization in coding decision science analysis algorithms and analytics. My passion is developing software that delights customers and uses TDD (test-driven development) to reduce complexity and drive business results. I value openness, integrity, and enjoy being a part of a dynamic team.

Technical Skills:

- Ruby, Ruby on Rails 3 – 7 (9 years experience)
- Javascript: ES6, React JS, Apollo
- HTML/CSS/SASS
- Relational databases (Postgresql, MySQL)
- TDD (RSpec, capybara, React Testing Library, Jest, API blueprint, Dredd, Postman)
- AWS(S3, SNS, SQS, MediaConvert, Lambda), Heroku
- 3rd party API integration using Javascript and Ruby
- API: REST, GraphQL

Perceiving Skills:

- Python 3
- Docker

Workflow & Tools:

- Pivotal Tracker, Jira, AirTable
- Agile Scrum (standups, retros)
- Slack, MS Teams
- Continuous Integration Services
- Code Climate
- Github
- Rubymine
- ES Lint, Rubocop

Education

- 2001 – 2006: Master's degree in Computer science (honors diploma). Zaporozhyen Technical National University in Ukraine.
- 2005 – 2006: Postgraduate education in Financial science. Zaporozhyen Technical National University in Ukraine.

Experience:

Staff Software Engineer
2021-2022

Avail(Realtor.com), Remote
Managing Platform for Rental Properties for landlords and tenants
- Architecting new features(HelloSign integration, State machine)
- REST into GraphQL transformation
- Improvements in DB queries efficiency

Principal Software Engineer JRuby and ReactJS
2020-2021

ViaPath(GTL), San Francisco, CA
Connecting inmates to their friends and loved ones. Codebase: JRuby on Rails, ReactJS
- Architecting of distributed systems and services
- Media data transcoding engine
- Improvements in the search engine (ElasticSearch)

Full-Stack Engineer Python and ReactJS
2019-2020

Loansnap Inc, San Francisco, CA
AI-driven lending tool to analyze a person's entire financial picture and show how to benefit with a smart loan.
Codebase: Django, Python 3, ReactJS

- Full Stack web development on Python 3 and ReactJS.
- Algorithms development, test coverage, 3rd party integrations.

Ruby on Rails Developer
2016-2019

Cloverpop.com, San Francisco, CA and Ukraine
B2B application to help executives and managers make strategic business decisions
Codebase: Ruby on Rails, ES6

- Evaluate software requirements, estimate development cost, design and implement new features.
- Work with outsource and local software engineering teams.
- Convert collected data around decisions into actionable data and recommendations through algorithms programming.
- Algorithms development, test coverage, 3rd party integration, admin sections improvement, graph reports.
- JMeter Load Testing.

Ruby on Rails Developer
2014-2016

xmetryx.com, Singapore and Ukraine
software technology startup for measuring and understanding the gap between experience and expectation.
Codebase: Ruby on Rails 3, ES5

- Full stack web development including responsibilities for test coverage, algorithms development.
- Create application from scratch.

Ruby on Rails Developer
2014

www.litigo.co, San Francisco, CA and Ukraine
case management platform for law practices
Codebase: Ruby on Rails 3, ES5

- Full stack web development including responsibilities for test coverage, algorithms development, admin sections improvement.

- Integrating Google API products into application case management system.

Ruby on Rails Developer   2013-2014
seedchange.com, San Francisco, CA and Ukraine
Online platform for angel investors to meet promising startups.

- Work on all aspects of asynchronous web application using Ruby on Rails backend and backbone.js front end.
- Led team efforts in integrating bancbox, twitter, MailChimp and Keen.io API integration.
- Participated in management training; helped break down stakeholder requests into Pivotal Tracker stories for my developer teammates.