DMITRY JUM

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I am a self-driven and outgoing individual, always eager to tackle new challenges and solve complex problems. I am committed to my work and constantly seeking opportunities to expand my skill set. As an experienced developer with a track record of success, I am equally comfortable working remotely or on-site, and am always open to the possibility of relocation for the right opportunity.

Skills

JavaScript

Ruby

Ruby on Rails

PostgreSQL

MongoDB

HTML

CSS

React.js

Redux.js

Backbone.js

jQuery

Heroku

AWS S3

Node.js

Stimulus.js

Rails ViewComponent

Rspec

Jest

TailwindCSS

Docker

Circle CI

DelayedJob

Sidekiq

Education

General Assembly   Jan. 2014 to Apr. 2014
Junior Web Developer Web Development Immersive 2014
Ruby on Rails, JavaScript, Backbone.js, PostgreSQL, MongoDB

Minsk State Linguistic University
English and German languages and pedagogics 2008

Employment

Atlas Obscura   Remote
Software Engineer   May 2020 to Sept. 2022

As a software engineer, I was responsible for the maintenance and implementation of new features on the main Ruby on Rails and Postgres web application. My accomplishments include:
- Built an error handler object for the API layer, improving the reliability and stability of the application.
- Advocated for a test-driven development and documentation-first approach to building a new Atlas Obscura API, which will serve future iOS and Android applications.
- Took part in building custom pages for brand partnerships, contributing to the growth of the business.
- Contributed to the re-architecture of the main web app by implementing View Component design, Stimulus.js, Hotwire, and Tailwind CSS.
- Assisted an iOS developer in building small iOS features with Swift UI, expanding my skills and knowledge.
- Additionally I worked with our engineering manager to establish regular code reviews, ensuring the rest of the team stayed up to date with application rearchitecture done by another engineer.

IVFQC (Althea Science)   New York, NY
Remote Contract Software Engineer   Mar. 2019 to Aug. 2019

I worked flexible applications to track IVF processes and perform laboratory quality control (Genereations and Reflections applications). I worked independently with minimal onboarding and help from the team when I joined.
- Created a feature that enqueues requests from input fields to the browser's LocalStorage and sends them to the server, ensuring data is not lost in case of unstable internet connection.
- Developed a Session Monitor feature for Generations and Reflections applications that alerts users of soon-to-expire sessions and signs them out if no action is taken, enhancing security and user experience.
- Started internationalizing Reflections application to Russian and Spanish languages using Rails I18n gem.
- Refactored some existing features and extracted statistical data from the database of Generations and Reflections applications.
- Overall, my work at Althea Science allowed me to showcase my skills in Ruby on Rails, JavaScript, HTML, and CSS while working independently and delivering high-quality features and improvements to the applications.

XO Group Inc.   New York, NY
Software Engineer   Jan. 2016 to Nov. 2018

XO Group Inc. is a consumer internet and media company devoted to weddings, pregnancy, and related topics. As a software engineer from January 2016 to November 2018, I completed multiple A/B tests, refactored product gallery filters using Backbone.js in a Ruby on Rails application, and helped build several applications, including an Engagement Ring wish list app using React 15 and MobX, a legacy Admin app using React.js and Node.js, and a quiz app guiding brides in wedding dress selection using serverless Node.js on AWS Lambda and React 16 with Redux. In addition, I occasionally mentored junior developers, providing guidance on best practices and assisting with troubleshooting technical issues.

Alumnifire (Pegu Labs, LLC)   New York, NY
Full Stack Web Developer   Nov. 2014 to Dec. 2015

Alumnifire is an alumni networking platform that enables members to open doors and opportunities for one another on their own terms. The platform is built primarily with Ruby on Rails 4.2 and Ruby 2.2.3 with JS, JQuery and Bootstrap on the front-end, and utilizes ElasticSearch for people search and Sidekiq for background jobs.
- Created a dataset of over 1600 objects of 4 year US colleges and universities with various attributes.
- Collected statistical data from all platform usage, implemented Google Analytics API, and created administrator tables that aggregate all required data for last 4, 7 and 30 days.
- Built content management platform of About Guides and Articles of the website.
- Contributed to the creation of school Moderator Tools, including the ability for moderators to suspend/approve users and send notifications, and filter unwanted feed items.
- Built a School Quiz generation platform that allows administrators to create quizzes and generate useful statistical information.
- Built a feature that allows users to search for internships within companies and extended the functionality of the Chosen jQuery plugin to preload options for location search criteria. It is customized search that saves previous user search criteria until it gets fulfilled.

InviBox.com   New York, NY
Full Stack Web Developer   July 2014 to Oct. 2014

InviBox.com is an email provider that includes a custom request feature for filtering incoming messages as spam. The platform is built on the Meteor.js framework and uses a MongoDB database. AWS SES is used for outgoing messages, and Haraka SMTP server with Node.js plugins is used for incoming messages.
- I joined the team as the only developer with two co-workers to work on the existing Meteor.js framework with no documentation.
- Fixed bugs related to deleting selected messages, blocking unwanted email addresses, and adding contacts to separate groups.
- Added a calendar feature using the FullCalendar jQuery plugin and adapted it to the Meteor.js platform to enable users to create and edit events and set up month and week calendar views.
- Completed an existing Haraka SMTP server plugin (Node.js) to enable receiving incoming messages and creating new conversations with them and saving them in the MongoDB database.
- Ensured reactivity of incoming requests and messages using Meteor.js techniques.

Work Samples

Us State Universities API   2015 to Current

API server that daily reads Wikipedia page: "https://en.wikipedia.org/wiki/List_of_state_universities_in_the_United_States college", looks up college pages from the list on the page, parses college info into hashes and saves in DB, updates existing and adds new ones. It contains around 650 state colleges. User can query colleges by their name or any additional details. The server is built with Ruby on Rails and PostgreSQL DB with TDD pattern.
https://github.com/dmitryjum/us_state_universities

Imago. Image editor   2014 to 2015

It's a simple (yet) image editor, that allows user to create account, album, draw and image and save it, or upload it, edit it or delete it. User can draw with any color from wide range pallet and apply few lters to the image. The technologies used: Ruby on Rails 4, Mongo DB, HTML5 Canvas, CSS3, jQuery, Zurb Foundation, AWS S3
https://github.com/dmitryjum/Imago

US State Universities UI   2019 to Current

This project features the user interface for http://usastateuniversities.herokuapp.com API that contains US community college database with some minimal data scraped from schools' Wiki pages. This project lists schools from the database, lists the most popular available keys that are used in schools' descriptions. It allows users search for schools by any property. It's built with React 16 and Redux 4
https://github.com/dmitryjum/us_schools_ui