

DMITRY JUM

✉ dmitryjum@gmail.com
🌐 dmitryjum.github.io
☎ 929-231-7167
in dmitryjum
📄 dmitryjum

I was born and raised in Belarus. I moved to USA in 2008. I've always been interested in extreme sports, computer technologies, languages and psychology. I have studied in Linguistic University in Minsk, Belarus and I fluently speak English and Russian languages. I am self driven, outgoing person, always looking for new challenges to overcome and problems to solve. I have been working as a moving company sales person and estimator last few years, that has helped me become good communicator. I have taken 12 week web development immersive course with General Assembly. I have acquired skills in programming languages as Ruby and JavaScript, have learned how to build web application using Rails and Backbone frameworks. I am passionate about web development, software engineering, happily working in this field and looking to learn more.

Skills

Web Development
Ruby on Rails
JavaScript
CSS3
HTML5
AJAX
SQL
PostgreSQL
jQuery
MongoDB
Sales
RSpec
Git
Ruby
Web Applications
Databases
Meteor.js
AWS S3
AWS EC2
AWS Elastic Beanstalk
Haraka SMTP Server
Node.js
Handlebars.js
Underscore.js
HTML5 Canvas
Foundation
Bootstrap
Angular.js

Education

General Assembly
Junior Web Developer Web Development Immersive 2014

Minsk State Linguistic University
English and German languages and pedagogics 2008

Employment

InviBox.com

Full Stack Web Developer

It's an email provider that implements request feature to filter incoming messages as its own spam-filter function. The platform is written in Meteor.js framework and based on Mongo Database. The email server is currently running on AWS SES for outgoing messages and Haraka SMTP server (based on plugins written in Node.js) for incoming messages.

Responsibilities and achievements:

- Fixed several bugs as deleting selected messages, blocking unwanted email addresses by dragging contact request to block area, adding contacts to separate groups.
- Added calendar feature to the platform. I used FullCalendar jQuery plugin and adapted it to Meteor.js platform. Made sure user can create new events and change their detail. Set up month and week calendar views.
- Completed existing Haraka SMTP server plugin to be able to receive incoming messages and create new conversations with them and save in Mongo database
- Ensured reactivity of incoming requests and messages in Meteor.js way

Alumnifire (Pegu Labs, LLC)

Full Stack Web Developer

Alumnifire is the first alumni networking platform powered by alumni that engages members to open doors and opportunities for one another in the real world and on their own terms. Alumnifire activates alumni networks of any kind, tapping into their powerful yet often underutilized value to drive measurable and relevant outcomes for alumni, students, affinity groups and schools.

The platform is built primarily with Ruby on Rails 4.1.6 and Ruby 2.1.2 with JS, JQuery and Bootstrap on front end. People search on the platform is utilizing ElasticSearch. Email services work as background jobs and implemented with Redis, DelayedJob and Resque.

Accomplishments and responsibilities:

- Created a dataset of over 1600 objects of 4 year US colleges and universities, each with attributes as: name, colors, mascot, location, founded year, subdomain.
- Collected large statistical data from all platform usage, created objects in DB, applied Google Analytics API to collect page visit and event counts. Implemented collected data in 10 administrator tables that aggregate all required data for last 4, 7 and 30 days.
- Created promotional pages for college employees and modified Alumnifire registration method for non-student users that doesn't require graduation year and utilizes slightly different validation method.
- Built content management platform of About Guides and Articles of the website.
- Contributed to creation of school Moderator Tools: created feature that allows moderators suspend/approve users and send notifications, filter unwanted feed items.
- Added user features as "Welcome" new user, "Bookmark" feed item (person, job, company).
- Built School Quiz generation platform, that allows administrator to create new quiz, add questions, answers, ratings. Created actual user Quiz feature, that engages user in step by step quiz with multiple answer questions about history and information of the college they graduated. The Quiz can serve purpose of survey and generate useful statistical information.
- Built feature that allows users to search for people that are offering internships within their companies. It is customized search that saves previous user search criteria until it gets fulfilled. Fulfilled term means the user will be able to send multiple references to his/her resume. Locally extended functionality of Chosen jQuery plugin in order to preload option to select tag via AJAX (is utilized for location search criteria).
- Currently working on alumni parents and friends user experience.

General Assembly

Student

I have learned and practiced back-end web development technologies. I have built small programs with Ruby language as well as built websites based on Rails framework using SQL database as PostgreSQL and non-SQL database MongoDB. I have learned Test Driven and Behavioral Driven Development technics and tested my application with tools like RSpec and Capybara.

I have been working with front-end portion of web application and learned and applied JavaScript language and technologies based on it as jQuery library, AJAX and Backbone.js framework. Learned how to test JS applications with Jasmine.

Projects

Electronic Skydiving Logbook

It is a management tool to for people involved in sport of Skydiving. It helps to log completed jumps, structure their details as location, aircraft, gear used, exit altitude, freefall time, as well as to associate pictures and videos taken during those jumps. It allows to share jump info/pictures/videos with other users. User can create his custom signature and witness-sign other people jumps. Users can comment on jumps pictures. The interactive calendar allows user to navigate through jumps based on their date. It's an ongoing project and being edited every day, more features as personal messages and email notifications are to come. My personal favorite as of now. The technologies used: Ruby on Rails 4, PostgreSQL DB, HTML5, HTML5 Canvas, CSS3, jQuery AJAX, jQuery UI, Zurb Foundation, AWS S3

Imago. Image editor

It's a simple (yet) image editor, that allows user to create account, album, draw and image and save it, update it or delete it. As well as upload image from internet via link or upload file from his/her personal computer. User can draw with any color from wide range pallet and apply few filters to his drawing or uploaded image. The technologies used: Ruby on Rails 4, Mongo DB, HTML5 Canvas, CSS3, jQuery, Zurb Foundation, AWS S3

yagobuzzit.github.io

It is a small portfolio page for a friend where he can list his video editing work. It is ongoing project. It is fully built with Angular.js. I have adapted Masonry.js and Fancybox libraries to work with Angular and to have interesting visual effect to place and rearrange video screenshots in the grid. I am currently working on the admin page that will allow user to manipulate content of the website which is stored on Firebase back-end service.

Us State Universities API

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. In current stage database contains one Schools table with 'title:string' and 'details:jsonb' rows. Postgres Jsonb datatype allows the server to update DB with new schools with any possible new attributes and their values without migrations.