

# 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  
SQL

## Education

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

Jan. 2014 to Apr. 2014

Minsk State Linguistic University  
English and German languages and pedagogics 2008

## Employment

Skillit  
Software Engineer Remote  
Aug. 2023 to Current

Skillit provides construction companies access to a rapidly growing database of qualified workers and a suite of worker-first hiring tools that use rich datasets and powerful algorithms to generate better recruiting, employment and business outcomes.

I'm building new features for Skillit with Ruby on Rails, Hotwire (Turbo Frames/Streams), ViewComponents vanilla JavaScript, Stimulus JS and Tailwind CSS. My

accomplishments include:

- **Data Management and Analytics Integration:** Spearheaded the integration of Segment & HubSpot to synchronize with user attribute changes, enabling robust data analytics capabilities. Developed CSV output functionalities for interview data, facilitating easier data analysis and reporting for internal stakeholders.
- **Advanced Feature Implementation:** Led the addition of smart filtering on profiles. Instituted an advanced message handling system, including unread message tracking, to improve communication flows between employers and workers.
- **Platform Security and Accessibility Updates:** Overhauled permissions within the AVO administrative interface, ensuring staff access while securing against unauthorized superadmin access. Enhanced site accessibility by implementing a imask.js for US phone number fields, improving the platform's usability.
- **Infrastructure & Documentation:** Contributed to the platform's infrastructure by adding the Annotate gem for better documentation of models and tests, and integrating the Lefthook tool for pre-commit hooks, enhancing code quality and maintainability. Added a Lookbook engine and created dozens of component previews, establishing a comprehensive library of reusable UI components.

Atlas Obscura  
Software Engineer Remote  
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.
- Maintained software integration with Peak15 booking service. Kept the conversation between local booking representative and Peak15 integration support.
- 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)  
Remote Contract Software Engineer New York, NY  
Mar. 2019 to Aug. 2019

I worked flexible applications to track IVF processes and perform laboratory quality control (Generations 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.  
Software Engineer New York, NY  
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)  
Full Stack Web Developer New York, NY  
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  
Full Stack Web Developer New York, NY  
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](https://github.com/dmitryjum/us_state_universities)

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](https://github.com/dmitryjum/us_schools_ui)