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Skills

- Ruby on Rails
- ViewComponents
- StimulusJs
- Hotwire (Turbo Frames/Streams)
- Rspec
- Sidekiq
- JavaScript
- TypeScript
- React.js
- Next.js
- Node
- Express
- AWS
- Docker
- GCP
- Heroku
- Kubernetes
- HTML
- CSS
- Tailwind CSS
- Circle CI
- Github Actions
- Solidity
- Foundry

Education

05/2024

Ethereum Blockchain and Smart Contract development with Solidity

Eat The Blocks

Remote

04/2014

Web Development Immersive:

Ruby on Rails, JavaScript, Backbone.js, PostgreSQL, MongoDB

General Assembly

New York, NY

01/2010

English and German languages and pedagogics

Minsk State Linguistic University

Minsk, Belarus

Dmitry Jum

Profile

Senior Software Engineer with a passion for solving complex problems using modern technologies like Ruby on Rails, React.js, Next.js, Node.js and Solidity.

Experience

Intelli Casino - Founding Software Engineer

Remote

07/2024 - Current

- **Company Overview:** quiz platform generated with OpenAI API, featuring real-time player interactions and spectator betting on outcomes
- Developed quiz platform with **Next.js and TypeScript (Vercel)**
- Built real time quiz spectator feature with **Express.js, GraphQL, Websockets and TypeScript (AWS ECR, ECS, Fargate, RDS, ElastiCache)**
- Quiz generation is implemented with **OpenAI API integration**
- Wrote a **Solidity smart contract** for spectator betting and reward distribution
- <https://intellिकासino.net/>
- intelli-casino | intelli-casino-dapp | intelli-casino-gql-server on my Github

Independent Consultant - Senior Software Engineer

Remote

04/2024 - Current

- **Web Application Development:** Provide end-to-end solutions in Ruby on Rails and JavaScript/TypeScript (React, Node, Next.js, Express).
- **WordPress & CMS:** Implement custom themes, plugins, and performance optimizations.
- **Cloud & Infrastructure:** Configure and deploy GTM servers, set up Google Cloud (GCP) resources—static IPs, load balancers, SSL certificates—and manage domain names.
- **Technical Consulting:** Collaborate with stakeholders to define project requirements and ensure timely project delivery.
- Built **PixelProbe**, a Next.js and TypeScript app using Puppeteer and Cheerio to detect hidden third-party tracking (e.g., obfuscated Google Tag Manager or Analytics) by analyzing live network requests and page content. Reduced **Puppeteer** page rendering by analyzing and preventing non-blocking outgoing page requests with **OpenAI API analysis** in a separate feature. <https://github.com/dmitryjum/pixel-probe> | <https://fpd-checker.vercel.app/>

Skillit - Senior Software Engineer

Remote

08/2023 - 03/2024

- **Company Overview:** Skillit provides construction companies access to a rapidly growing database of qualified workers and a suite of worker-first hiring tools (Built with **Ruby on Rails, Hotwire(Turbo Frames/Streams), ViewComponents, StimulusJS, Tailwind CSS**).
- Developed smart profile filtering and an advanced **messaging system with unread tracking** to improve hiring efficiency
- Integrated Segment & HubSpot to enhance user data tracking and analytics
- Strengthened security & accessibility, optimizing admin permissions and UI components
- Collaborated on deployment workflows for the Ruby on Rails application running on AWS ECS Fargate

Atlas Obscura - Full Stack Software Engineer

New York, Remote

05/2020 - 09/2022

- **Company Overview:** 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 (**ViewComponent, Hotwire (Turbo Frames/Streams), Stimulus.js, and Tailwind CSS**)
- Improved API reliability with a structured error handler
- Led **TDD-driven API development** for future mobile apps
- Built Sign Up/In iOS app feature and assisted an iOS developer in building other **features with Swift UI**, expanding my skills and knowledge
- Collaborated with the engineering manager to implement regular code reviews, ensuring team alignment with the ongoing application rearchitecture

Independent Consultant - Full Stack Software Engineer

New York, NY

01/2019 - 04/2020

- Implemented different solutions with **Ruby on Rails and JS and JS frameworks** for various clients.
- **Key contract engagement in the period: IVFqC(Althea Science)** - Applications to track IVF processes and perform laboratory quality control (Generations and Reflections applications **Ruby on Rails, JavaScript, Postgres**)
- 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

XO Group - Full Stack Software Engineer

New York, NY

01/2016 - 11/2018

- **Company Overview:** A consumer internet and media company devoted to weddings, pregnancy, and related topics
- Built **React & Node.js** applications (MobX, Redux), including an engagement ring wishlist and wedding dress quiz.
- Secured **Express.js server with JWT** that serves product admin application
- Refactored product gallery filters using **Backbone.js in a Ruby on Rails** application,
- **Mentored** junior developers, providing guidance on best practices and assisting with troubleshooting technical issues.
- Participated in application deployments using **Kubernetes** in a production environment

Alumnifire - Full Stack Software Engineer

New York, NY

11/2014 - 12/2015

- **Company Overview:** An alumni networking platform that enables members to open doors and opportunities for one another on their own terms (Ruby on Rails, JavaScript, ElasticSearch, Postgres, Sidekiq)
- Created a dataset of **1,600+ US colleges** with key attributes for enhanced search functionality.
- Developed **statistical tracking tools**, integrating Google Analytics for platform usage insights.
- Built **moderator tools** to manage users, filter content, and improve community oversight.
- Designed a **quiz and internship search platform**, enhancing educational resources for students