

# ILYA ZUENOK

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## PROFILE

A highly motivated self-taught full-stack web developer and technology lover with experience ranging from one-man full-stack freelance projects to a back-end contractor at a fast-paced startup to an individual front-end contributor at a Fortune 500 company.

## WORK EXPERIENCE

Full-Stack Web Developer, Distillery, St. Petersburg  
07/2016 – present

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### Selected Projects

#### FRONT END

A new version of an internal inventory management tool for a large international USA-based personal grooming products vendor. Worked for three months at the client's office in Marina del Rey, CA, as well as remotely.

- Expanded the use of Typescript throughout the app from approx. 10% to 90%.
- Introduced React Testing Library and extended code coverage from approx. 3% to 90%.
- Improved responsiveness and performance of the app through a number of steps: cache server responses, utilize selectors and pagination, refactor forms to use local state, debounce user input, lazy-load and limit the number of select options.
- Implemented a user notification system and provided support for the newly introduced user roles.
- Implemented management UI for two new resources as well as upgraded existing UI to support new properties of the managed resources.
- Created a configurable factory to dynamically generate product objects of three types with variable properties to use in tests which allowed to remove over seventy thousand lines of hard-coded test data.

#### BACK END

A prominent and fast-growing payments integration system in Philippines.

- Implemented five new payment integrations and added about a dozen new payment options to the existing integrations.
- Refactored and unified three internal micro-service packages eliminating over a thousand lines of obsolete and redundant code.

#### FULL STACK

A single-page web application for a dogs daycare and training facility in Santa Monica to assist in managing of their day-to-day activities.

#### Back End

- Integrated 3rd-party services such as Mailgun (email), Twilio (SMS), Stripe (payments) and AWS S3 (file storage).
- Implemented a role-based access control (RBAC) system, activity stream and a ranked search functionality using Django ORM and aggregating annotations only.
- Developed a utility to transfer client's data from their previous MySQL database to the new PostgreSQL database using Django ORM.
- Post-release maintenance.

## Front End

- Improved performance and maintainability of the app by refactoring some of the major common components including modal window, list view and API service module.
- Implemented a form factory component capable of producing forms dynamically on the basis of a declarative JSON configuration.
- Implemented a WYSIWYG (what you see is what you get) email template editor allowing to upload, position and crop images, inline edit various sections of text content and use predefined variables that would automatically highlight in the text.
- Post-release maintenance.

## Freelance Web Developer 12/2013 – 06/2016

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### Selected Projects

#### FULL STACK

A multi-user blogging platform for cartoons and movie lovers featuring picture galleries, embedded YouTube and Vimeo videos, embedded links to other resources, comments and email notifications.

- Designed and implemented all core components and features.
- Integrated 3rd-party services such as Mailgun and AWS S3 (file storage).
- Post-release maintenance.

#### FULL STACK

A single-page web application serving as front-end for an Amazon S3 bucket that allows to browse its contents, upload and download files, view images, create, update and delete files and folders as well as create and view text notes.

- Designed and implemented all core components and features including a block-based rich format text editor.
- Integrated 3rd-party services such as Mailgun and AWS S3 (file storage).

## SKILLS

JavaScript • TypeScript • CSS • Atomic CSS • Python  
ReactJS • Redux • Django • Django Rest Framework  
Git • Jira • \*nix • Design patterns • Tests, tests and more tests

## LANGUAGES

Russian (native) • English (advanced)

## EDUCATION

- 2012–14**     **Saint-Petersburg State Technical University, Saint-Petersburg, Russia**  
Information systems and technologies.
- 1995–00**     **North-East State University, Magadan, Russia**  
Teacher of English and German languages.