

Daniel Zeljko

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A highly-motivated, self-taught developer seeking to fill a position as a junior frontend or full-stack engineer. Eager to apply my knowledge and skill set to craft responsive web applications that solve business needs.

EXPERIENCE

LangCorrect — *Founder & Lead Developer*

OCTOBER 2019 - PRESENT

I created LangCorrect to be a community-driven language learning platform where users can master grammar, spelling, and syntax in the language(s) they're learning through direct feedback from fluent native speakers. To date, the site has gained over 13,000 active users worldwide, and is also being used as an important tool for graduate students at San Francisco State University working to earn their TESL (Teaching English as a Second Language) Certificates.

- Designed, maintained, and developed the public-facing website, serving an average of over 400,000 requests per day worldwide
- Improved page loading speeds by over 300% on query-heavy pages that were already optimized, by making some fundamental backend design changes – this improved page loading speed from 3 seconds to under 400ms!
- Incorporated Natural Language Processing (NLP) to more accurately split written text into individual sentences
- Implemented Full-Text Search and a Related Journals functionality using PostgreSQL
- Implemented HTMX to mimic SPAs on certain pages for functionalities like bookmarking, liking, and voting
- Implemented the Stripe API to process LangCorrect Premium monthly and annual payments
- Implemented email verifications for new sign-ups; emails were built using the Foundations for Emails 2 framework
- Implemented Charts.js to visually display important statistics
- Performed bug fixes by looking at Sentry logs and debugging them with the Django Debug Toolbar and Pycharm debugger
- Incorporated Google Analytics to track user interaction and behavior, and used that data to improve core functionality and performance on the platform
- Implemented CSV and PDF exporting capabilities
- Created a RESTful API for use with external services
- Implemented Web Sockets to allow users to communicate with one another in real time via Django Channels
- Implemented Single Sign-On (SSO) so users would not have to

SKILLS

Frontend

Bootstrap
HTML
HTMX
CSS
JavaScript
jQuery
AJAX
React (Learning)

Backend

Python
Django
NGINX
Gunicorn
DigitalOcean
Stripe
Cloudflare
SendGrid

AWARDS

Benjamin A. Gilman
International Scholarship

Japan Student Service
Organization (JASSO)
Scholarship

LANGUAGES

English, Croatian, Japanese

login to our community Discourse server if they are already
logged in to the main LangCorrect website

Freelance — Web Development

JANUARY 2020 - PRESENT

I have over 2 years of experience working in a freelance capacity on both frontend and backend web development projects, primarily using Django with Bootstrap and Vanilla Javascript. I've worked with a host of clients on a collection of projects, pulling in my full stack development skills in order to ensure that each project was completed professionally and on time.

- Refactored, extended, and maintained the clusivi.com website
- Met with prospective clients to review projects, gather the client's specifications and requirements for new or existing websites, and then execute on those plans in a timely, professional manner
- Handled all verbal and written communications between hosting companies, clients, and vendors
- Implemented a custom forum and designs for the crowdcent.com website

EDUCATION

San Francisco State University, San Francisco — *B.A. in Japanese*

JANUARY 2017 - DECEMBER 2019