

JESSEN TANADI

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SUMMARY

I am a full stack developer with a background in design and architecture. For the past couple of years, I have contributed to OSS and written a number of design-related tools in Javascript and Python. I recently graduated from Fullstack Academy.

My current stack includes: JS ES7+, Node, Express, PostgreSQL, React/Redux, HTML, CSS, Python, and Flask. I run the elementaryOS Linux distribution and write in neovim.

EDUCATION

Full Stack Academy

Certificate, Fullstack Development
2019

Cranbrook Academy of Art

MFA, 2D Design
2015

Rhode Island School of Design

B. Architecture; BFA, Architecture
2011

CONTINUING EDUCATION

CS50x: Intro to Computer Science

HarvardX / edX
2018

Introduction to Computer Science and Programming Using Python

MITx / edX
2016

SKILLS

Proficient

JavaScript (ES7+), HTML, CSS, React, Redux, Node, Express, Sequelize, Git

Knowledgeable

Python, TypeScript, Webpack, Babel, PostgreSQL, TDD (Mocha, Chai, Jasmine), WebSocket (socket.io), JQuery, Linux/*nix OS

Basic Knowledge

C, Java, Flask

TECHNICAL PROJECTS

JSBattle

github.com/lfg1907/jsbattle

JSBattle is a multiplayer game where players compete against each other by completing coding challenges in real time.

As the primary contributor, I laid out the app's architecture and implemented most front- and back-end components.

Tech stack:

- React / Redux and CodeMirror frontend
- Node / Express / PostgreSQL via Sequelize
- VM2 library to safely run client code server-side
- socket.io to manage WebSocket connections
- GitHub OAuth

Capsule

github.com/capsule-store/capsule-store

capsule-store.herokuapp.com

Capsule is an e-commerce store for Silicon Valley-related products. I worked on vertical slices of the project, implementing primary data models, API endpoints, and major frontend components.

Tech stack:

- React / Redux with styled-components
- Node / Express / PostgreSQL via Sequelize
- Google OAuth
- Stripe API for check out

CheckParallelTool

github.com/jtanadi/CheckParallelTool

CheckParallelTool is a RoboFont plugin that helps type designers draw smoother and more balanced bézier curves. This project was written in Python 3.2 using the RoboFont / mojo / vanilla API.

Etch-a-Sketch

github.com/jtanadi/Etch-a-Sketch

Etch-a-Sketch is a RoboFont plugin to preview, print, and sketch work-in-progress typeface designs. Written in Python 2.6 using the RoboFont / mojo / vanilla API.

SELECTED PROFESSIONAL EXPERIENCE

Ralph Appelbaum Associates

Graphic & Production Designer

November 2015–Present

- Develop and oversee a library of internal graphic production and automation scripts and plugins for InDesign and RoboFont.
- Collaborate with architects and content strategists to design and produce large-scale turnkey interpretive exhibition.

Tsang Seymour Design

Freelance Graphic Designer

September–November 2015

- Completed a range of print and digital materials for IFPDA, MoMA, and Rubin Foundation.