JESEN 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 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.