


 saadbaradan@gmail.com

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 [My Github](#)

 [My Portfolio Website](#)

SAAD BARADAN

SENIOR FRONTEND ENGINEER

SKILLS

Languages/Frameworks

- JavaScript
- TypeScript
- PHP
- HTML/CSS
- Tailwind CSS
- Sass
- React/Redux
- React Native
- Vue.js
- StencilJS
- Electron
- jQuery
- Jest/Enzyme
- Cypress

Tools/Processes

- Scrum/Kanban
- Git
- Bitbucket
- Jira
- ClickUp
- Linux
- CircleCI
- Postman
- Figma

EDUCATION

Turing School of Software &
Design, Front End Engineering

Jan 2019 - Aug 2019

Colorado State University,
M.A. Philosophy

Sept 2013 - May 2015

University of Colorado Denver,
B.A. Philosophy

June 2007 - May 2011

WORK EXPERIENCE

Senior Frontend Engineer, MediaViz AI

May 2024 - Present

- As the lead frontend engineer, my work centers on performance at scale, creating intuitive UX/UI, and close collaboration with backend and design teams. Below are 3 core products I've built or overhauled to meet the demanding needs of professional photo curators managing high-volume workflows:
- **Photo Assistant** (TypeScript, StencilJS, Electron): Led the frontend overhaul of a neglected desktop application, delivering key new features, fixing critical bugs, and handling code signing and notarization to prepare it for public release.
- **MVAI** (PHP, Vanilla JS, jQuery): Leveraging insights from Photo Assistant, I built a lightweight web client from the ground up that enables users to efficiently display, manage, and curate 100,000+ photos with speed and ease.
- **Photo Uploader**: (JavaScript, React, Electron): Built from scratch to support our web client, this desktop application enables users to efficiently upload and manage large photo collections, processing photos at speeds up to 60,000 photos per hour (1,000 photos per minute).

Frontend Engineer, MediaViz AI

December 2023 - May 2024

- Use Typescript, React, Electron, Vanilla JS, PHP, StencilJS, jQuery, and a variety of Web technologies to build new features for web clients, desktop applications, and chrome extensions
- Use Bitbucket, GitHub actions, and YAML to build and manage continuous integration pipelines
- Use Electron Forge & Electron Builder to configure, sign, and publish Mac and Windows desktop builds for bi-weekly production releases
- Collaborate with Backend Engineers to scope, troubleshoot, & consume RESTful APIs
- Work closely with QA Engineers on technical & design implementation for overall testing strategy
- Use Clickup & Jira to manage and resolve new feature and bug tickets in a timely manner

WORK EXPERIENCE CONTINUED

Software Engineer - Frontend, Loyal Health

Jan 2022 - Oct 2023

- Utilize TypeScript, Styled Components, & React to build and maintain a web client data management application
- Use Storybook to build a library of reusable UI components
- Communicate & collaborate with cross-functional teams of engineers, designers, and product managers on a daily basis
- Deploy modern, performant, and maintainable code to production on a weekly basis
- Collaborate with Backend engineers to analyze, troubleshoot, and consume RESTful APIs
- Work with designers to review and implement Figma designs
- Use Cypress & Playwright to build out integration and unit tests
- Develop a curriculum for summer interns and provide mentorship through weekly check-ins and pair programming sessions
- Lead team to being 1st to accomplish various tech debt initiatives

Delivery Software Engineer, IQGeo

Jan 2020 - Jan 2022

- Utilize Vanilla JavaScript, jQuery, & React to build out new features and fix bugs
- Use Python, Psycopg2, & PostgreSQL to build and enhance RESTful APIs
- Integrate various mapping & geospatial libraries like OpenLayers, Leaflet, & Turf.js
- Use Linux to develop, test, and deploy software to various environments
- Work directly with clients to design, build, test, and deploy new features
- Manage and multi-task between 2-3 projects and client stakeholders at one time
- Implement new installs of IQGeo products for clients
- Collaborate remotely with colleagues across US and international time zones

Instructor of Philosophy & Religion, Colorado Community College System

Jun 2017 - Present, (Part-time)

- Teaching the following courses:
 - Intro to Logic (PHI 1013)
 - Intro to Ethics (PHI 1012)
 - Intro to Philosophy (PHI 1011)
 - Environmental Ethics (PHI 2018)
 - Business Ethics (PHI 2005)
 - Comparative Religions (PHI 1014)
 - World Religions-West (PHI 1015)
 - World Religions-East (PHI 1016)
- Build course content including exercise sets, quizzes, essay assignments, syllabus, and discussions
- Utilize academic CRMs such as Desire2Learn & Blackboard Online
- Engaging in CCCS's Course Development & Feedback Program
- Host office hours and tutoring sessions through Zoom