

Nick Pietrow

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SKILLS JavaScript, React, Redux, HTML, CSS, Ruby, Rails, Node.js, Delayed Job, GraphQL, PostgreSQL, MongoDB, AWS S3, AWS EC2, LaunchDarkly, Ansible Vault, DataDog, Jira, Linear, Webpack, npm, jQuery, Git, Docker

EXPERIENCE

Full-stack Engineer

WorkRamp, Jun 2022 - Feb 2023

- Implemented an integration with Hubspot to sync user information across platforms for the marketing team to advertise new features and target customer admins
- Built a web portal for the support team to run scripts on the AWS server such as importing and exporting user info, which was previously completed manually via console commands
 - Created a script model to hold request info so scripts could be run asynchronously on a delayed jobs server. Designed the scripts to store any attachments in an AWS S3 bucket
 - Engineered a separate table view for users to access all scripts, arguments, statuses, and linked files
- Converted Rails models to use paranoia for soft deletion and easy restoration of content and assignments which saved the support team significant time
- Developed a permissioning system within the administrative side of application to restrict access to toggling customer account settings
 - Implemented a sync with Salesforce to maintain up-to-date job titles and customer assignments since those were used to determine access
- Migrated the engineering team's ticket management software from Linear to Jira by creating a Ruby script with GraphQL to export and reformat ticket data

Senior Tax Consultant

True Partners Consulting, Jul 2019 - Dec 2021

- Saved more than 750 consultant hours per year by designing, creating, and testing automated data analysis workflows using Alteryx and VBA
- Interviewed Directors, Managers, and Consultants to identify target areas for automation and gather user feedback on ways the workflows could be improved
- Founded Alteryx training session program to teach 100+ employees how Alteryx can be used within the firm

PROJECTS

The Verve

[Live Site](#) | [Github](#)

Full-stack clone of an e-commerce site using: Rails, PostgreSQL, JavaScript, React/Redux, S3, Jbuilder, HTML5, CSS3

- Designed a scalable database schema using a joins table for product categories to easily add new categories in the future and allow for optimized searching and filtering of products
- Connected AWS S3 to the Ruby on Rails back-end using Active Storage to create associations between products and related images for easy querying and scalability of image services
- Utilized local storage to store the state of the user's cart in the browser and persist it across a page refresh
- Validated user data through front-end and back-end authentication measures, allowing users to only vote on reviews and leave their own feedback when logged in

Filter.io

[Live Site](#) | [GitHub](#)

Photobooth face filter application using: JavaScript, MediaPipe FaceMesh API, jQuery, Canvas, HTML, Sass

- Integrated a webcam video stream with the MediaPipe FaceMesh library to track facial landmark data points
- Created JavaScript functions to calculate the position, scale, and rotation of a filter to accurately display it on top of the user's face by mapping it onto a canvas element with the appropriate adjustments
- Employed a system of Javascript DOM event listeners to handle button inputs such as, toggling the webcam, taking a picture, or changing the the callback function used by the FaceMesh object to apply face filters

EDUCATION

App Academy, Dec 2021

- Demanding and immersive software development course with focus on full stack web development

University of Southern California, May 2019

- BS - Business Administration, Minor - Computer Science