

NICK J. PIETROW

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EXPERIENCE

Business Analyst	On Tap Consulting	August 2023 – Present
<ul style="list-style-type: none">• Revitalize tracking of KPIs within business operations to bring direction and focus to the sales pipeline.• Create a comprehensive research document of AI products with value-add in the business operations sector.• Conducted comprehensive assessment of potential contract manufacturers for a startup's new hardware product, leveraging a deep understanding of supply chain dynamics and product requirements.		
Full Stack Software Engineer	WorkRamp	Jun 2022 – Feb 2023
<ul style="list-style-type: none">• Orchestrated the HubSpot API integration to streamline cross-selling, resulting in an uptick of \$50k in ARR.• Constructed a customer support web portal, enabling the support team to execute routine scripts effortlessly, resulting in reclaiming 20 hours per week and elevated customer net promoter scores.• Created comprehensive automated unit tests, ensuring robust coverage for both front and back-end features.• Engineered a permission system that managed access privileges on customer accounts, synchronizing in real time with our Salesforce instance to enhance security and improve the user experience.• Directed the transition from Linear to Jira as the engineering team's ticket management system, harnessing GraphQL to export and reshape data, yielding increased efficiency and enabling data-driven decision-making.		
Senior Tax Consultant	True Partners Consulting	Jul 2019 - Dec 2021
<ul style="list-style-type: none">• Designed, tested, and executed automated data analysis workflows using Alteryx and VBA, resulting in a substantial annual reduction of more than 750 consultant hours.• Conducted in-depth interviews with Directors and Consultants, identifying and implementing automation in key areas, resulting in a measurable increase in operational efficiency.• Executed Alteryx training sessions, equipping over 200 employees with the skills to improve productivity.• Managed unclaimed property tax compliance data for high-profile clients including Morgan Stanley, Disney, and Netflix, leading to accurate state filings with values reaching up to \$5M.		

PROJECTS

The Verve	Live Site Github	May 2022
Full-stack clone of an e-commerce site - <i>Rails, PostgreSQL, JavaScript, React/Redux, S3, HTML5, CSS3</i>		
<ul style="list-style-type: none">• Designed a scalable database schema using a joins table to easily add new product categories in the future and allow for optimized searching and filtering of products.• Connected AWS S3 to Ruby on Rails using Active Storage for querying and image service scalability.• Utilized local storage to store the user's cart in the browser and persist it across a page refresh.		
Filter.io	Live Site Github	Feb 2022
Photo booth with live filters - <i>JavaScript, MediaPipe FaceMesh API, jQuery, Canvas, HTML, Sass</i>		
<ul style="list-style-type: none">• Integrated a webcam video stream with the MediaPipe FaceMesh library to track facial landmarks.• Created ES7 JavaScript functions to calculate modifications to accurately overlay the filter on the user's face.• Employed a system of Javascript DOM event listeners to handle button inputs and control the photobooth.		

EDUCATION

App Academy	May 2022
Demanding and immersive software development course with focus on full stack development	
University of Southern California	May 2019
Bachelor of Science – Business Administration, Minor – Computer Science	
Languages and Technologies	
<ul style="list-style-type: none">• Ruby on Rails, Node.js, JavaScript, React, PostgreSQL, HTML, CSS	