

Jay Vilorio

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PERSONAL PROJECTS

Covered CA Prescription Search - Tool to compare Covered California market plans/providers from the perspective of prescription drug coverage. <https://coveredcaprescriptionsearch.com/>

Technology Used: ReactJS, Hooks, Context API, Material UI, Amazon API Gateway, AWS Lambda (Python 3.8), Amazon S3, Python (Tabula), Amazon CloudFront, Amazon Route 53

GeoAlbums - Application for organizing/visualizing photos by GPS coordinates filtering by image content. <https://d2cndobv2blzgj.cloudfront.net/>

Technology Used: ReactJS, Hooks, Context API, Material UI, Amazon API Gateway, AWS Lambda (Python 3.8), Amazon S3, Amazon DynamoDB, Amazon Rekognition, Python (Pillow & ExifRead), Google Maps ReverseGeoCoding API, Amazon CloudFront

PROFESSIONAL EXPERIENCE

ICW Group

Software Engineer III
Data Science Specialist
Sr. Data Analyst
Data Analytics Specialist
Data Analyst
Actuarial Analyst

San Diego, CA

Jan 2020 - May 2020
Apr 2019 - Jan 2020
Sep 2017 - Apr 2019
Jun 2016-Aug 2017
Feb 2016-Jun 2016
Sep 2014-Feb 2016

Notable Projects

Claims Examiner Reserving Tool - Technical Lead/Lead Developer on an internal application used by our internal Claims Examiner team to calculate/project costs on open Workers Compensation Claims

Technology Used: Python (Flask), JQuery, HTML/CSS, Bootstrap, SQL Server, Docker, GitLab, JIRA

Underwriting Department Audit Tool - Developer on an internal application used by our internal Underwriting Team in auditing policy applications for accuracy and conformity to company standards

Technology Used: Python (Flask), ReactJS, Redux, Bootstrap, SQL Server, Docker, GitLab, JIRA

PROFESSIONAL CERTIFICATIONS

AWS Certified Solutions Architect - Associate
AWS Certified Cloud Practitioner

Jul 2020
Jun 2020

EDUCATION

MS in Social Sciences (Economics)
California Institute of Technology (CalTech)

Jun 2014

BBA in Finance (Minor in Economics)
University of Hawaii – Manoa

May 2010