Jessi Velazquez

Full-Stack Software Engineer

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Excellent problem solver, authentic leader, and clear communicator of technical concepts with a background in the Healthcare Technology and BioTech industries. Strategic thinker who can work cross-functionally to identify and implement efficient, scalable tools to drive organizational success.

SKILLS

Languages: Javascript, Python, SQL, Typescript, HTML, CSS, Jinja, R
Tools: Vue.js, Flask, React, Node.js, SQL Alchemy, MySQL, Git, REST APIs, API Integrations, GraphQL, MongoDB, Express, Sentry, Google Cloud (GCP), Heroku, Agile/Scrum, Vite, BigQuery, Docker, CI/CD, Jupyter Notebooks, Bootstrap, Tailwind, Material UI, Cypress, MyPy, Jest, CRM Integrations, ArcGIS, R Studio, ArcGIS, QGIS

EXPERIENCE

Software Engineer - Clearing, New York, NY (remote)
Aug 2021 - Mar 2023

- Developed REST APIs and front-end applications that streamlined the input, retrieval, and sharing of patient information, reducing doctors' documentation efforts by 75%.
- Built full-stack medical record software that lead directly to unlocking core product offerings of Pharmacotherapy and Cognitive Behavioral Therapy, which increased customer retention and investor valuation.
- Utilized Dosespot API to develop prescribing software, including a single-click tool for writing prescriptions, greatly reducing doctor time and effort during telehealth visits.
- Built full stack solution to track patients' past and current medications and prescriptions, and built interactive input tools for both patients and doctors, allowing doctors to track potential drug interactions when designing care plans for patients.
- Built PHQ-9 and GAD-7 surveys, enabling the company to conduct real-time monitoring of mental health, and study relationships between mental health and chronic pain.
- Built a data table feature for doctors to track their daily telehealth visits in one place.
- Used USPS Smarty API to design and build a user-friendly address search and validation tool within the patient intake process, removing the need for manual verification.
- Earned promotion from Associate Software Engineer to Software Engineer, Oct 2022.
- Won company Core Value Award, Feb 2023.

Staff Scientist - Innovasea, Seattle, WA
Mar 2014 - Sep 2020

- Served as Chairperson of the Diversity, Equity, and Inclusion (DEI) program in a company of over 250 employees.

- Developed and delivered over 20 geospatial analytics reports for clients annually.
- Processed, analyzed, and positioned acoustic telemetry data with sub-meter accuracy in 3D using R Studio, ArcGIS Pro, and QGIS.
- Performed all aspects of project management, including the development of budgets, fieldwork, analysis, and reporting.

Information Systems Associate - Forterra, Seattle, WA
Sep 2012 - Jan 2014

- Built GIS databases and web applications to collect and display regional carbon sequestration efforts for clients such as Seattle Sounders and Pearl Jam as part of the Evergreen Carbon Capture program, leading to increased program funding.
- Managed all facets of a cloud-based data management system to track over 100,000 hours of ecological restoration for three city governments.

Product Specialist - Google, Bothell, WA
Jun 2010 - Jun 2012

- Interfaced with engineers and operational staff as a product team lead to implement a georeferencing tool that increased the productivity of creating the global 3D building polygon layer in Google Maps more than 2,400 times over baseline.
- Developed and maintained spatial data layers for Google Maps using street capture image data.

EDUCATION

Code Fellows, Seattle, WA
Certificate - Advanced Software Development in Full-Stack Javascript - 2021

University of Washington, Seattle, WA
Professional Certificate - Geographic Information Systems (GIS) - 2012

University of Washington, Seattle, WA
Bachelor of Arts - Environmental Science, Ecology and Conservation - 2008