

## CAREER PROFILE

A Developer and professional Data Analyst with experience in both front-end and back-end development and extensive experience in data management. Proven ability to deliver seamless, user-friendly applications while maintaining robust, efficient databases. Skilled in leveraging a wide range of technologies that deliver solutions in application development.

**Core competencies** include Data Visualization tools, Database development, Database management, Data cleansing & prep, SQL & NoSQL databases, Database development, Data extraction, Front-end development skills.

## EXPERIENCE

### Data Analyst, Pramira, Inc - *Tustin, CA*

August 2019 – November 2023

- Developed and maintained data infrastructure projects by overseeing the collection, organization, and processing of data from network tests, survey evaluations, and implementations for the Radio Frequency and A&E department.
- Improved accuracy of survey measurement by 5% through a revamp of data collection measuring tools, radio frequency testing equipment within the data collection process significantly boosting stakeholder confidence and satisfaction.
- Conducted site testing and data analysis to generate insights that support business marketing opportunities.
- Authored detailed reports from evaluations, tests, and implementations to inform stakeholders and support business decisions.
- Managed over 60 field projects as project manager, ensuring seamless communication and documentation to boost project completion rates.
- Developed training resources and conducted training sessions with employees.
- Collaborated with city and county officials to secure permits, ensuring compliance with zoning and safety regulations.

### Data Analyst, Zillow

April 2015 – June 2019 — *Irvine, CA*

- Managed the integration and processing of multiple data streams from over 3000 Official County Recorder offices and third party data sources into our SQL Server-based data platform.
- Over a two-year period, enhanced data accuracy by over 20% through error-detection and data anomaly identification logic implemented into custom database plugins.
- Authored comprehensive documentation outlining instructions for extracting key data elements based on county and state regulations, including guidelines for capturing legal descriptions, assessments, and treasury information.

- Ensured timely completion of production tasks through communication and weekly meetings with data vendors.
- Collaborated with software developers to design a custom data platform, defining database data definitions and creating a comprehensive data dictionary.
- Employed data warehousing best practices to streamline data management processes, ensuring data integrity and accessibility for data scientists, researchers and business users to perform their analysis and make data-driven decisions.
- Oversaw and managed an exceptions report pipeline containing identified data anomalies, which were corrected, reviewed and implemented back into production use.

### Data Analyst, United Tech Lending Services

October 2011 – April 2015 — *Tustin, CA*

- Led the development of the Equity Analysis product, providing critical insights for loan servicers, foreclosure services, loss mitigation, REO management, debt collecting agencies and legal firms.
- Addressed escalated exceptions and conflicts reported by the review and examination team that were deemed outside of the departments scope.
- Ensured timely completion of production tasks by facilitating weekly meetings and maintaining strong communication with data vendors.
- Initiated onboarding and training for new team members, monitoring their integration and progress.
- Contributed to process optimization for review, examination and curative process, leading to more organized and efficient workflow.
- Compiled preliminary title reports by researching property and property owner data.

## SKILLS

### DATABASES:

- **SQL:** PostgreSQL, SQL-Server, MySQL
- **NoSQL:** Firebase, MongoDB
- **Cloud Platform:** Realtime Firebase, AWS, Vercel, Cloud Firestore, Supabase, CockroachDB, Railway

### FRAMEWORKS:

NodeJs, NextJs, ViteJs, Express, Svelte, Django, Gatsby

### LANGUAGES:

HTML, CSS, JavaScript, Typescript, ReactJs, Tailwind CSS, Python

### DATA ANALYSIS & VISUALIZATION TOOLS:

Excel, Tableau, Python

### DEVELOPMENT TOOLS:

CLI, Git, GitHub, Prisma, TRPC

## CERTIFICATIONS

**Associate Data Analyst Certification**, DataCamp, May 2024

**Data Structures & Algorithms**, Udacity, July 2023

**Frontend Development & Design**, The Hong Kong University of Science and Technology, May 2022