

Daniel Watson, MS

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PROFESSIONAL SUMMARY

Skilled Software Engineer with a strong command of Ruby on Rails and PostgreSQL. Expert in crafting scalable APIs and data pipelines, with a proven track record in building high-performance systems. Committed to leveraging data for actionable insights and fostering seamless user experiences through teamwork and effective communication.

TECHNICAL SKILLS

Ruby, Ruby on Rails, PostgreSQL, JavaScript, Node.js, Express, MongoDB,, Python, Django, React, Angular, Redis, Docker, SQL, ETL

AREAS OF EXPERTISE

Backend & Database Optimization | API Development | System Integration | Data Analysis & Visualization | Project Management
| Client Relations | Team Leadership | Microservices Architecture | Object-Oriented Design | Testing

EMPLOYMENT HISTORY

BizzyCar | Remote | 2021 – 2023

Backend Software Engineer

- Spearheaded the development and launch of an SMS marketing campaign, resulting in a 15% surge in consumer conversion rates through strategic engagement techniques
- Established a robust SMS message center, enabling real-time tracking and analysis of call center-lead interactions using keyword and AI-assisted suggestive monitoring
- Devised and implemented a sophisticated task routing system, significantly boosting call center productivity and customer service quality through optimized task distribution
- Enforced quality control with a test coverage KPI, achieving and sustaining code testing above 98%
- Orchestrated a comprehensive overhaul of database performance, achieving a 30% increase in efficiency through targeted PostgreSQL optimizations and Datadog analytics
- Led pivotal projects and nurtured team agility at a startup, steering early-stage development to success

Optum | White Plains, NY | 2014 – 2021

Healthcare Analyst | 2019 - 2021

- Leveraged advanced SQL analytics to extract and interpret complex data sets, facilitating strategic decision-making and providing actionable business insights
- Implemented rigorous program monitoring protocols, identifying and analyzing data outliers to diagnose and resolve underlying issues, thereby ensuring program integrity and effectiveness
- Regularly engaged with external clients to deliver program updates, successfully advocating for optimizations that led to a 15% increase in the claim-to-savings ratio and heightened program efficiency
- Developed sophisticated predictive models for financial and operational forecasting, enabling clients to anticipate market trends and allocate resources more effectively

Data Analyst | 2017 – 2019

- Crafted interactive Tableau dashboards to equip stakeholders with key insights for strategic decisions
- Automated data retrieval, enhancing report accuracy and efficiency with stored procedures
- Implemented SSIS-driven workflows for reliable data migration and thorough analytical preparation

PROFESSIONAL DEVELOPMENT & TRAINING

All Aboard Bootcamp | Remote | 2021

- Gained expertise in Ruby, Ruby on Rails, SQLite, JavaScript, HTML, and CSS.
- Applied MVC design patterns and integrated SQLite databases in web applications.

General Assembly | Remote | 2020

- Mastered JavaScript essentials: OOP, DOM manipulation, API communication, and jQuery.

EDUCATION

Brandeis University, *Master of Science: Health & Medical Informatics*

CUNY Queens College, *Bachelor of Arts: Sociology*