Daniel Watson, MS

Northvale, NJ 07647 | 914-552-2666 | dkwatson522@gmail.com | LinkedIn

PROFESSIONAL SUMMARY

Innovative, detail-oriented, and collaborative Backend Engineer with expertise in Ruby on Rails, SQL, and API integration. Proven ability in designing high-performance applications, resolving complex technical issues, and optimizing database management for seamless functionality. Adept at collaborative problem-solving and cross-functional communication.

TECHNICAL SKILLS

Ruby, Ruby on Rails, SQL, JavaScript, NodeJS, React, MongoDB, API, PostgreSQL, Tableau, CSS, Object-Oriented Design=

AREAS OF EXPERTISE

API Development | Web Frameworks | Database Management | Backend Architecture | Performance Optimization | Testing & Debugging | Conflict Resolution | Interpersonal Communication | Project Management | Cross-functional Collaborations

EMPLOYMENT HISTORY

BizzyCar | Remote | 2021 – Present
Backend Software Engineer

- Spearheads the development of a high-performance Ruby on Rails API serving as a crucial data layer for multiple consumer applications, cultivating a user experience that ensures a 99% uptime and a 25% increase in responsiveness
- Designs, implements, and maintains functional logic, ensuring responsiveness to data requests and exceptional user experiences; Successfully diagnoses and resolves complex bugs, ensuring uninterrupted system operation
- Collaborates closely with cross-functional teams, understanding business needs and integrating efficient technical solutions, scaling backend infrastructure to accommodate a 40% increase in user demand
- Assumes end-to-end responsibility for the backend domain, propelling consistent enhancements through identification of growth prospects, meticulously overseeing stability benchmarks
- Provides technical insights and guidance, leveraging in-depth knowledge of technology stack and business models
- Champions code integrity via the formulation of automated tests, curbing errors and preventing vulnerabilities
- Leverages advanced SQL features (e.g., window functions, CTEs) for streamlined handling of data processing tasks
- Develops highly optimized SQL queries for PostgreSQL databases, facilitating efficient data retrieval and manipulation
- Implements RSpec tests rigorously, guaranteeing functionality, performance, and security of application features
- Proactively monitors Honeybadger and Datadog metrics to sustain peak code health and performance

Optum | White Plains, NY | 2014 – 2021
Analyst, Healthcare | 2019 - 2021

- Proficiently employed SQL to dissect and amalgamate large-scale datasets, enabling data-driven organizational decisions and the continuous monitoring of program performance
- Led client-specific program refresh initiatives, resulting in a 15% increase in the claim intake versus savings ratio, contributing significantly to overall program efficacy
- Developed forecasting models tailored to clients' needs, enabling real-time tracking of financial and operational metrics

Data Analyst | 2017 – 2019

- Collaborated in the development of impactful data visualization dashboards using Tableau, revolutionizing data management and furnishing operational stakeholders with interactive, insightful reports
- Pioneered the automation of data retrieval processes via stored procedures and database tables, significantly expediting the generation of scheduled client reports while enhancing analysis efficiency
- Leveraged SQL Server Integration Services (SSIS) for seamless data migration, loading, and extraction, facilitating in-depth analysis by ensuring the availability of accurate and timely datasets

PROFESSIONAL DEVELOPMENT & TRAINING

All Aboard Bootcamp | Remote | **2021**
Acquired proficiency in Ruby, Ruby on Rails, SQLite, JavaScript, HTML, and CSS. Implemented MVC design pattern with SQLite database integration

General Assembly | Remote | **2020**
Mastered JavaScript frontend essentials: Object-Oriented Programming, DOM manipulation, API calls, and jQuery

EDUCATION

Brandeis University, *Master of Science: Health & Medical Informatics*
CUNY Queens College, *Bachelor of Arts: Sociology*