Daniel Watson, MS

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

PROFESSIONAL SUMMARY

Seasoned Software Engineer with 2+ years of robust Ruby on Rails experience, specializing in backend development, API integration, and system optimization. Skilled in cross-functional collaboration and committed to crafting scalable, secure software solutions that enhance user engagement and operational efficiency.

SKILLS

Technical Skills: Ruby on Rails | Javascript | React | Node.js | Express | Python | Django | Git | PostgreSQL | MongoDB | Next.js jQuery | CSS frameworks (Tailwind, Bootstrap) | HTML/CSS

Soft Skills: Clear Communication | Collaborative Teamwork | Analytical Problem-Solving | Adaptability | Time Management | Detail-Oriented | Leadership | Client Focus | Project Management

Areas of Expertise: Backend & Database Optimization | API Design & Development (REST) | System Integration | Data Analysis & Visualization | Microservices | Agile Methodologies | Service-Oriented Architecture (SOA) | SaaS Platform Development

EMPLOYMENT HISTORY

BizzyCar | Remote | 2021 – 2023
Backend Software Engineer | Ruby on Rails, PostgreSQL, RSpec, Sidekiq, Redis, Github, DataDog
- Achieved a 15% uplift in conversion rates by developing and optimizing an SMS campaign in collaboration with cross-functional teams, resulting in heightened user engagement
- Markedly advanced lead interaction efficiency by 25% and elevated customer satisfaction by introducing an AI-powered SMS messaging system that centralized conversation tracking, optimizing messaging workflow for call center agents and enhancing service response times
- Seamlessly integrated third-party systems to synchronize key dealership data, achieving real-time alignment of appointments and historical records with dealership management systems, resulting in enhanced data accuracy and operational synergy
- Enhanced software reliability and minimized post-deployment issues by achieving an 85% test coverage rate with RSpec, ensuring robust and dependable application performance

Optum | White Plains, NY | 2014 – 2021
Healthcare Analyst | 2019 – 2021 | Python, Microsoft SQL Server, Tableau, Excel, Access
- Optimized client management for premier health plan portfolios by automating report generation with Python—creating dynamic pivot tables, charts, and reports—thereby providing stakeholders with critical performance and financial insights and advancing analytical process excellence
- Boosted client financial results by leading the Enterprise Reporting System upgrade, achieving a 30% gain in efficiency that improved resource use and expedited decisions
- Drove strategic decisions and operational enhancements by analyzing large datasets with SQL and Tableau, pinpointing utilization trends and financial performance metrics

Data Analyst | 2017 – 2019 | Microsoft SQL Server, Tableau, Excel, Access
- Advanced organizational decision-making by developing and automating ad-hoc reports and dashboards, which played a pivotal role in establishing a data-driven decision framework
- Ensured program integrity and effectiveness by coordinating the standardization of performance reporting, utilizing SSIS for seamless data migration and instituting thorough monitoring protocols

PROFESSIONAL DEVELOPMENT & TRAINING

All Aboard Bootcamp | Remote | **2021**
- Gained expertise in Ruby, Ruby on Rails with MVC design patterns, SQLite, JavaScript, HTML, and CSS.

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*