

Jerry Barrows-Fitzgerald

Software Developer

Las Vegas, Nevada, USA

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Full-stack developer and tenacious problem solver with expertise in Python, JavaScript, React, and TypeScript. Looking to learn and grow in a development position that provides autonomy, collaborative support, and opportunities to advance in my professional career.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, HTML5, CSS, Java, SQL

Skills and Tools: Django, Django Rest Framework, React, Node.js, NumPy, Pandas, Matplotlib, PostgreSQL, Mongoose, Pytest, Jest, GitHub, Git, Visual Studio Code, PyCharm, NPM, Yarn

PROJECTS

Model Match Pro - github.com/jbarrfirtz/model-match-pro

Aug 2023

- Web app designed to allow the user to send text queries to multiple Large Language Models (LLMs) and compare results.
- Built with Python, Django, Django Rest Framework, TypeScript, React, and Reactstrap.

Data Rx: Malaria Edition - github.com/DataRx-Malaria-Edition/DataRx-Malaria-Edition

Jun 2023

- Project designed to assist researchers at Washington University in St. Louis in detecting statistical patterns in genetic samples to aid in the search for better Malaria treatments.
- Built with Jupyter Notebooks, Python, NumPy, Pandas, and Matplotlib.

EXPERIENCE

DPS Media, Wildwood, MO - Senior Data Specialist

Mar 2021 – Present

- Managed data pipelines that enable the business and all processes related to subscriptions, lead generation, accounting, and sales tracking.
- Reduced toil within data engineering by 86% by implementing automatic anomaly detection to prevent loading and processing misformatted third-party data.

DPS Media, Wildwood, MO - Data Management Department Supervisor

Sep 2009 to Mar 2021

- Managed a 5-member department in efforts to retrieve, convert, and validate customer data from more than 70 telephone service providers.
- Reduced client and advertiser complaint rate to less than 0.2% by implementing automated processes for data validation and error-correction processes.

EDUCATION

Code Fellows - Seattle, WA

Certificate - Advanced Fullstack Development in Python - Aug 2023

Western Governors University - Salt Lake City, UT

Bachelor of Science in Software Development with a concentration in Java