

Reuben Consigny

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TECHNICAL SKILLS

Programming Languages: Python, C#, Java, JavaScript, HTML, CSS, SQL, Bash

Libraries/Frameworks: scikit-learn, langchain, fastapi, react, pandas, numpy, matplotlib, xgboost, flask, plotly, dash

Development Tools: Linux, Docker, Git, Playwright, Grafana, Jupyter Notebook, PDM, Vim

EXPERIENCE

Senior Python Software Engineer

Jan. 2025 – Present

CryptoSearchTools

Remote

- Develop and maintain a data aggregation and analysis engine, ensuring high performance and scalability while integrating APIs and SQL databases to streamline workflows.
- Implement automated data extraction from unstructured text using graph traversal algorithms, NLP, LLMs, and ML methods, improving data accuracy and enabling complex analytics.
- Build and customize software extensions to meet client requirements, enhancing functionality and satisfaction.

Full Stack Developer

Nov. 2023 – Dec. 2024

Flame Raiders

Remote

- Spearheaded the full-stack development of proprietary community management software for official PUBG: Battlegrounds Discord servers, improving community engagement and administrative efficiency.
- Engaged millions of users across multiple official gaming communities by developing and providing automated features such as contests, quests, polls, giveaways, and mailings, driving a 24% increase in user participation.
- Developed a session-based authentication system with Argon2id password hashing and verification, securing dashboard access and user data by enforcing role-based privileges and enhancing overall system security.
- Ensured minimal downtime and increased performance while reducing server costs by 68% by initiating system design discussions and managing server infrastructure using Docker and GitHub Actions for continuous deployment.

Software Engineer

Aug. 2022 – Nov. 2023

Independent contractor

Hybrid

- Built a data pipeline for a media content platform, collecting data from various sources and aggregating it into a centralized database, improving data accessibility and supporting enhanced content discovery.
- Improved prospect targeting accuracy by filtering out low-value leads, achieving an R-squared value of 0.76 by developing and deploying an XGBoost regression model for a retail agency.
- Increased homepage engagement for a culinary website by training a Random Forest model using scikit-learn to predict high-traffic content with 82% precision, boosting website traffic and subscriptions.

Data Analyst

Feb. 2022 – Aug. 2022

Alfa-Bank

Hybrid

- Automated weekly and monthly department reports, cutting manual reporting time by 4 hours per week and providing insights for senior management decision-making, leveraging Seaborn, Pandas, and Mercury.
- Performed market analysis of communication peripherals, securing a 47% reduction in expenses while improving call center working conditions and enhancing customer satisfaction.
- Ensured high automatic speech recognition performance, achieving a 19% higher signal-to-noise ratio (SNR) and reducing word error rates, by analyzing microphone models for a number of use cases in noisy environments.

EDUCATION

Professional Certificates:

DataCamp Data Scientist Professional Certificate

Sep. 2023

IBM Data Science Professional Certificate (with Honors)

Jun. 2023

Belarusian State Economic University

Bachelor of Economics

Sep. 2018 – Jun. 2022

PROJECT WORK

innov8finance | *dash, plotly, prophet, sql, pytest*

innov8finance.pythonanywhere.com

- Developed an interactive market dashboard powered by machine learning using Dash, Plotly, and Facebook's Prophet model for time series forecasting, enabling users to predict future market trends.
- Optimized app performance by implementing a normalized database structure with composite indexes and optimized queries, ensuring smooth online and offline experiences with live data from Yahoo! Finance's API.