William Krasnov
Nesconset, NY, 11767 | +12672278466
WILLKOMAN@GMAIL.COM | www.willko.dev

SKILLS

Python, C#, Java, JavaScript, PHP, C/C++, Swift; HTML/CSS, React, Django, FastAPI, Laravel, Jinja; Pandas, NumPy, TensorFlow, Facebook Prophet, ARIMA/SARIMA, Machine Learning; SQL Server, PostgreSQL; AWS (S3, EC2); Jupyter, Visual Studio, Xcode, Unity, Git; .NET, SpringBoot; Jira, Notion, Linear, Slack Automations, SCRUM, SDE Best Practices; BigCommerce, Avalara, ShipStation.

EXPERIENCE

Lead Data Engineer   Apr 2024 - Present
JMAC Supply, West Hempstead, NY
- Built and took complete ownership of BigCommerce pre/post-launch data pipelines, automations, API wrapper development, and all core components of the system relating to seamless ECommerce migration.
- Optimized existing integrations written in both Python and FileMaker, increasing performance by >100%, and reducing technical and human error rate significantly.
- Established new automations eliminating need for daily manual procedures, and significantly reducing rate of human error.
- Led initiative to adopt an in-house Django ERP/OMS solution, saving $20,000 a month in contractor work, while reducing timelines by 2x.
- Established and maintained both local APIs and hosted webhook containers to effectively synchronize FileMaker and Postgres data, almost eliminating delays between requests and results for all ~2.5 million products and 100s of vendors.

Jr. Database Programmer   May 2023 - Apr 2024
Kirschenbaum & Phillips P.C., Farmingdale, NY
- Developed and maintained efficient and complex stored procedures in MS SQL Server, reducing daily procedures from an average of 4 hours to just 1 hour.
- Resolved critical and vendor-specified issues quickly, saving the firm tens of thousands in extraneous resources and time, failed audit costs, and resource usage.
- Automated intricate manual processes using Python, increasing efficiency by over 5x by reducing or sometimes eliminating need for human intervention.

EDUCATION

COMPUTER SCIENCE B.S.   Sep 2020 - Dec 2023
SUNY OLD WESTBURY, OLD WESTBURY, NY

HONORS & AWARDS

Best Use of Google Cloud   Feb 2020
CEWIT Hackathon
Created a machine learning model that predicted NBA MVP results based off of previous year data, with a significant degree of accuracy

PROJECTS

College Registration System
Dynamic and fully-featured college registration system allowing Faculty, Student, Admin, and Statistics views and management. Fully documented and secured.
Technologies: Python, Django, Django Rest Framework, AWS, MySQL