

Wesley Soto

Software Engineer - Full-Stack & Platform Engineering

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\$3M+

projected claim-payout impact

\$782K

savings in first year of coding

\$100K+/yr

recurring savings from retired legacy tooling

5

production codebases in parallel

SUMMARY

I turn manual, license-heavy, and legacy processes into automated systems that pay for themselves. My focus is simple: solve the real business problem, retire expensive legacy tooling, and make the impact measurable.

EXPERIENCE

UnitedHealthcare · Software Engineer

Jan 2022 - Present

- Sole architect of RecurringDataFeeds (RDF), a Python/Prefect 3 ETL platform on Kubernetes across SQL Server, Oracle, MongoDB, Databricks, Db2/Cosmos, and S3 - replacing a legacy SSIS package (60+ sequence containers, 300+ SQL tasks, 120+ data flows) and consolidating a 380+ report SAS estate. \$100K+/yr in recurring savings today, with a path to several hundred \$K/yr.
- Built RDF claims feeds end to end - automated claim routing, reversal logic, AUS work-item queueing, and downstream persistence - supporting Medicare & Retirement adjudication with \$3M+ projected claim-payout impact.
- Delivering DataOnDemand, a Next.js self-service report catalog that migrated report metadata from SQL Server to MongoDB and executes read-only reports across 7+ engines.
- Primary engineer on QRT, a hybrid Express + Next.js platform for claims search, audit creation, and review over SQL Server, Hive, and MongoDB - 900+ commits.
- Contributed to Fastbase, a React/Next + Node/MongoDB app replacing Excel/OneNote workflows, and built its DOC360 document feed in RDF to retrieve and email documents automatically.
- Owned platform and delivery across projects: SSO/OIDC reverse proxy, Kubernetes work pools and network policies, CI/CD with Artifactory + Vault, digest-pinned rollouts, and HIPAA/HITRUST/PHI/PII controls on Azure and GCP.

Optum · Software Engineer

Sep 2019 - Jan 2022

- Built RPAs, ETLs, and Python/Node.js automations for license-heavy manual processes.
- Delivered \$572K in capital savings and \$210K in annual recurring savings in my first year of coding.
- Worked across Oracle, MS SQL, Sybase, and MongoDB.

SKILLS

Languages & frameworks: TypeScript / JavaScript, Python, React / Next.js, Node / Express

Data & pipelines: Prefect 3, pandas, ETL architecture, Databricks, Snowflake

Datastores: SQL Server, Oracle, MongoDB, Db2 / Cosmos, S3

Platform & delivery: Kubernetes, Azure / GCP, CI/CD, Artifactory, Vault, SSO / OIDC

Practices: Software architecture, Debugging, Automation, HIPAA / HITRUST / PHI / PII controls

EDUCATION & LANGUAGES

Inter-American University of Puerto Rico - Metropolitan Campus - Financial Analysis coursework, 2012 - 2018

Spanish: Native / bilingual · English: Native / bilingual

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