

SANTIAGO CRAVINO

📞 732-285-2184

✉️ santiago.cravino@me.com

🌐 linkedin.com/in/santiago-cravino

🐙 github.com/cravinos

Experience

OSLabs | Software Engineer

2024 – Present

Next.js, React, TypeScript, Docker, Kubernetes, PostgreSQL, AWS, Prometheus, Grafana, cAdvisor, MUI

- Engineered "Morpheus," an open-source full-stack Next.js application with microservices architecture, providing real-time container telemetry (CPU, RAM, network I/O, disk usage) and Kubernetes cluster visualization. Implemented APM monitoring, reducing load times from 3s to 1.8s through SSR optimization and achieving FID under 100ms.
- Designed CI/CD pipeline and infrastructure as code using Docker Compose, integrating monitoring stack (cAdvisor, Prometheus, Grafana) with container-level metrics collection and AWS Bedrock for deep cluster analysis.
- Developed real-time monitoring system with configurable threshold alerts (90% utilization). Created custom PromQL queries for time-series analysis of container metrics, implementing data collection through Prometheus pipeline.
- Built scalable Python-to-PostgreSQL data pipeline for metric processing, enabling historical analysis through Grafana dashboard integration and predictive system health monitoring.
- Integrated AWS Bedrock and OpenAI APIs for container performance analysis, implementing state management patterns for real-time data flow and system optimization.
- Led test-driven development (TDD) with comprehensive Jest testing suite, including unit and integration tests focused on state management, achieving 78% test coverage in Next.js environment.

RBRDCK | Founding Engineer

2024 – Present

MSFT AutoGen, Python, GitHub API, CI/CD, LLMs, CLI

- Pioneered RBRDCK, employing advanced generative AI, local Large Language Models (LLMs), and specialized agents, achieving a 40% reduction in review time while revolutionizing pull request reviews, ensuring comprehensive code analysis, security, and seamless integration with CI/CD pipelines and GitHub workflows.

Flexport | ICQA & CI Manager

January 2024 – June 2024

SQL, Metabase, Snowflake, VBA Macros, Excel

Phillipsburg, NJ

- Revamped warehouse operations using SQL and Metabase analytics, providing real-time performance insights. Implemented prediction algorithms to reduce shipping errors by 15% and improve packing efficiency by 30%.

Amazon | Area Manager

May 2023 – December 2023

VBA Macros, Lean six Sigma Yellow Belt

Sacramento, CA

- Led SME efforts for Amazon's ADTA system in the Northwest region, developing SOPs and improving package sorting. Increased redirect efficiency and achieved a 99.85% on-time delivery rate for 75,000+ daily packages.

CVS Health | Lead Pharmacy Technician & Immunizer

December 2020 – December 2022

RxConnect, Enterprise Systems

Middletown, NJ

- Led pharmacy operations team of 7 staff, implementing COVID testing protocols, managing controlled substance audits, and training 20+ employees across locations on new digital health record systems while maintaining HIPAA compliance for 1000+ patient records. Coordinated initial CVS Vaccination Clinics Statewide.

Projects

LLM Agent TestGen | OpenAI API, NPM package, Microsoft AutoGen

May 2024 - Present

- Created a Node.js package for automated test generation, leveraging OpenAI's Codex API and Microsoft Autogen agents to iterate. Reduced manual iterations by approximately 3–4 per development cycle, enhancing testing efficiency.

Job Finder Application | Google Search API, PostgreSQL, OAuth 2.0

- Integrated Google Custom Search API into a job platform for real-time listings, secured with OAuth 2.0 and JWT for enhanced privacy and experience.

Technical Skills

Languages: JavaScript, TypeScript, HTML/CSS, Python, SQL

Technologies/Frameworks: React, Redux, Next.js, Node.js, Express, Autogen, Tailwind, PostgreSQL, MongoDB, Docker, Kubernetes, AWS, cAdvisor, Prometheus, Grafana, Webpack, Vite, Jest, Cypress, OAuth, RESTful APIs, Redis, Material-UI, GitHub Actions, CI/CD, Snowflake, Metabase

Education

Rutgers University

Bachelor of Science in Business Analytics & Information Technology

New Brunswick, NJ

Public Talks / Publications

Tech Talk: E2E Testing With Cypress **Article:** [Morpheus Product Launch](#) **Blog:** [RBRDCK: AI-Powered Code Reviews](#)