

John Ruelas

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Staff Software Engineer and Technical Lead with 10+ years of experience growing high-performing teams and delivering scalable, fault-tolerant systems. Passionate about mentoring engineers, driving technical strategy, and building systems that scale with the business.

Professional Experience

- | | | |
|---|-------------------------|-----------------------|
| Staff Software Engineer | Ramp | March 2026 – Present |
| <i>Member of the accounting platform team..</i> | | |
| <ul style="list-style-type: none">• Migrated critical internal ERP integrations platform from Celery onto Temporal. | | |
| Senior Software Engineer, Team Lead | Jellyfish | Oct 2022 – March 2026 |
| <i>Member of the infrastructure and data ingestion teams. Promoted to Team Lead in January of 2024.</i> | | |
| <ul style="list-style-type: none">• Led cross-team effort to build out data platform, including partial migration to Databricks+PySpark and implementation of LLM-powered integrations platform, allowing scaling from 3 to 50+ integrations and reducing average customer metrics P99 query time by 98% or more.• Led team to implement critical features and scaling challenges required to meet the demands of large enterprise customers, which led to attaining and retaining ~15% of total business revenue.• Introduced organization-wide observability tooling and on-call rotation, mitigating the impact of system-wide failures almost entirely and reducing incident MTTD by 95%+.• Championed data engineering approach, enabling a business-critical pivot to be more AI-centric | | |
| Senior Software Engineer | Capsule | Jun 2021 – Oct 2022 |
| <i>Responsible for the systems used by internal pharmacy operations.</i> | | |
| <ul style="list-style-type: none">• Led development of patient communication microservice which drove communication to tens of thousands of patients across mobile, web, text, and phone with an SLA of 500ms.• Migrated pharmacy operations dashboard backend service from Kotlin+DynamoDB to Python+Redis. | | |
| Senior Software Engineer, Team Lead | Smart Start Inc. | Aug 2019 – Jun 2021 |
| <i>Responsible for the team that designs and maintains systems used to validate hardware components of BAC-monitoring devices. Promoted from Developer to Senior Developer, Team Lead in November 2020.</i> | | |
| <ul style="list-style-type: none">• Inherited two projects months behind schedule and finished both on-time, saving over 30% in manufacturing costs associated with delaying production.• Led development on new modular test application architecture in Python and C, resulting in decreased developer onboarding time and decreased hardware development costs.• Built a manufacturing analytics dashboard in D3.js and Flask which was used to track failure rates and cost per component. | | |

Previous Roles

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|--------------------------------|-------------------------|---------------------|
| Hardware and Software Engineer | ExoCytronics | Oct 2015 – Aug 2018 |
| Research Assistant | The Shoulders of Giants | Jan 2015 – Aug 2015 |
| Founder, Lead Engineer | MYWARE | Jan 2013 – Aug 2018 |

Education

College of Engineering

Cornell University

Aug 2015 – Aug 2016

Completed foundational coursework in computer science and engineering before transitioning to a full-time founder role at MYWARE.

Mass. Institute of Technology

OpenCourseWare

Aug 2011 - Aug 2020

Massachusetts Institute of Technology's OpenCourseWare was used to continue higher education, with coursework centered around the requirements for a computer science degree through MIT.

Skills Overview

Languages: Python, SQL, C, JavaScript, Bash

Frameworks & Tools: Django, Spark, Flask, Celery, D3.js, TensorFlow, PyQt

Cloud & DevOps: AWS, Docker, Kubernetes, Prometheus, Helm, Terraform

Datastores: PostgreSQL, Redis, DynamoDB, MongoDB, MySQL