

Magnolia Velasquez

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SUMMARY

Senior fullstack engineer with nine years of experience building distributed platform infrastructure and multilingual product capabilities across backend services and modern web applications. Delivers **translation workflows**, APIs, internal interfaces, shared libraries, and reliability guardrails that help product teams ship consistent global experiences. Hands on with Java, Kotlin, TypeScript, JavaScript, React, **event driven processing**, storage, caching, service oriented architecture, **incremental migrations**, testing, observability, and production ownership. Prototypes machine learning and large language model applications, evaluates results against evidence, and converts useful concepts into maintainable platform capabilities. Works across globalization, **Data Science and ML**, product, platform, content, and vendor groups, translating ambiguous problems into sound technical decisions and measurable improvements in quality, latency, cost, adoption, developer productivity, and customer experience.

EXPERIENCE

Senior Fullstack Engineer, Internationalization

February 2023 - Present

Atlas Global Platforms

Seattle, WA

Owns full stack platform delivery for translation workflows, internal React experiences, APIs, and Kotlin libraries. Leads migration, experimentation, stakeholder alignment, and operational decisions that support reliable multilingual product delivery.

- Delivered Kotlin **translation workflows**, React interfaces, **APIs**, and libraries for consistent multilingual product releases.
- Built event driven orchestration with durable status tracking and caching for clearer translation workflow visibility.
- Directed incremental migration from legacy localization components using compatibility tests, **observability**, and staged adoption.
- Prototyped large language model quality review, validating outputs against human reviewed translation samples.
- Converted validated **machine learning** concepts into guarded platform features with disciplined quality verification.
- Measured quality, latency, operational load, adoption, and developer productivity for platform investment decisions.
- Aligned **globalization, Data Science and ML**, product, content, platform, and vendor stakeholders around ambiguous requirements.
- Mentored engineers on end to end ownership, technical tradeoffs, documentation, and production follow through.

Fullstack Engineer

June 2020 - January 2023

Cascade Experience Systems

Portland, OR

Built full stack services and internal workflows for global content operations. Shaped APIs, libraries, migration plans, metrics, and AI assisted engineering practices while partnering with data specialists and platform teams.

- Built **Java** services and **TypeScript** React workflows connecting authoring tools with regional publishing pipelines.
- Designed REST APIs, caching behavior, and asynchronous processing for resilient content operations.
- Migrated coupled production workflows through service boundaries using integration tests, dashboards, and staged traffic.
- Created reusable frontend components and backend libraries for consistent locale aware internal tools.
- Used language quality and workflow metrics to prioritize customer focused engineering changes.
- Applied AI assisted tools for exploration, prototypes, tests, and documentation with human review.
- Explained technical tradeoffs across engineering, data, product, and operational stakeholder groups.

Software Engineer

August 2018 - May 2020

Evergreen Commerce Labs

Bellevue, WA

Developed **Kotlin** services and **React** administrative tools for localized commerce content. Improved event processing, cache behavior, test coverage, operational visibility, and production support across multiple language and regional workflows.

- Developed Kotlin services and React tools supporting localized commerce content across languages and regions.
- Implemented event processing with idempotent consumers and failure handling for unavailable downstream services.
- Built storage and caching patterns for localization metadata, using **latency** data to guide tuning.
- Expanded tests for locale formatting, fallback behavior, and API contracts during production changes.
- Added service metrics, structured logs, and runbooks that improved diagnosis during on call response.
- Clarified **internationalization** requirements across product and platform teams before delivering maintainable solutions.

Associate Software Engineer

October 2017 - July 2018

Soundview Software

Tacoma, WA

Implemented Java services and JavaScript interfaces for internal content management workflows under senior engineering guidance. Built practical foundations in internationalization, testing, migration safety, usability, documentation, and production follow up.

- Implemented Java service features and **JavaScript** interface changes for content management workflows.
- Added API tests and frontend validation for language and regional settings in production software.
- Investigated defects through logs and reproducible cases, documenting findings for service owners.
- Supported database and caching changes through reviewed migration steps and safe deployment practices.

- Created reusable interface elements and incorporated internal user feedback into iterative releases.
- Owned small end to end features through implementation, testing, documentation, and production follow up.

PROJECTS

Multilingual Quality Platform 📅 2025

Built a guarded internal capability that combined translation workflow signals, human reviewed samples, and language model experiments. The work connected inclusive product experiences with practical reliability, quality, and operational decisions.

Legacy Localization Migration 📅 2022

Planned staged movement from coupled localization components toward shared services, using compatibility testing, observability, and controlled traffic adoption to protect customers while improving long term platform health.

LEADERSHIP & AWARDS

- Platform Reliability Recognition, Atlas Global Platforms, awarded for safe localization migration leadership.
- Engineering Collaboration Award, Cascade Experience Systems, recognized for cross team delivery and clear technical decisions.
- Internationalization Impact Recognition, Evergreen Commerce Labs, awarded for improving localized content operations.

EDUCATION

Bachelor's Degree in Computer Science

2017

University of Washington GPA: 0

Seattle, WA

Coursework: Distributed systems, software engineering, databases, web development

CERTIFICATIONS

- AWS Certified Developer Associate 📅 2021
- Oracle Certified Professional Java SE 📅 2020

TECHNICAL SKILLS

- **Backend Languages:** Java, Kotlin, C++
- **Frontend Technologies:** JavaScript, TypeScript, React
- **API Development:** REST, APIs, service contracts
- **Distributed Systems:** Event processing, service architecture, asynchronous systems
- **Data Systems:** Storage systems, caching, durable status tracking
- **Quality Engineering:** Integration testing, API testing, compatibility testing
- **Observability:** Metrics, structured logs, operational dashboards
- **Localization Platforms:** Internationalization, globalization, translation workflows
- **Artificial Intelligence:** Machine learning, large language models, AI assisted development
- **Migration Practices:** Incremental migrations, staged adoption, legacy modernization
- **Web Interfaces:** Internal UIs, reusable components, locale aware workflows

SKILLS

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|--------------|-----------------------|------------------------|-------------------------|
| • Java | • React | • Caching | • Globalization |
| • Kotlin | • Distributed Systems | • Event Processing | • Translation Workflows |
| • TypeScript | • REST APIs | • Service Architecture | • Observability |
| • JavaScript | • Storage Systems | • Internationalization | |

PROFESSIONAL AFFILIATIONS

- Member, Association for Computing Machinery, with interest in distributed systems and software engineering.
- Participant, Women Who Code Seattle, contributing to inclusive engineering community learning.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST