

Joel Tavarez

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WORK EXPERIENCE

Newmark

Full-Stack Product Software Engineer

Dallas, Texas

October 2025 – Now

- Stack: React, ViteJS, .NET, C#, Cursor, GraphQL, Azure DevOps, Microsoft SQL Server
- Leveraged agentic workflows to build large-scale redesigns and build an end-to-end leasing web application for brokers
- Initiated and led interviews with key stakeholders to increase product adoption and improve development

Target - Back-End & Front-End Software Engineer

Minneapolis, MN

Same Day Delivery Platform

June 2020 – October 2025

- Own the \$2B+ same-day delivery flow on Target.com, leading improvements across 6+ micro-frontends to optimize page speed, reliability, and cross-repo deployments, contributing to record holiday conversion rates
- Integrated real-time backend services (inventory APIs, fulfillment systems) into front-end delivery experiences, maintaining synchronization across top of funnel, PDP, cart, account, checkout, etc.
- Collaborated across platform, UX, and fulfillment teams to align system behaviors and customer delivery experiences under peak traffic conditions
- Completely refactored Target's bottom of funnel experience for UX, performance, and code legibility purposes
- Proposed and shipped architectural upgrades to cross-frontend "Add to Cart" logic, reducing cart errors under peak load and enabling faster feature development across delivery, cart, and checkout teams
- Redesigned Product Detail Page (PDP), reducing user drop-off and increasing add-to-cart conversion by streamlining UX and clarifying delivery options
- Led system design for new checkout pipeline, collaborated with product and backend teams, and supported incident resolution across on-call rotations
- Scoped, designed, and implemented dynamic phone number add to cart feature, which is currently saving \$100k/yr
- Developed Chef cookbook to create elastic search, logstash, and kibana (ELK) instance for SNAP payment logging and deployed it across all payment servers using Putty

Nourish'd Café

Cape Town, South Africa

Software Engineer Intern (Project Lead)

July 2019 – September 2019

- Stack: Ionic/Angular, Shopify Storefront API, NodeJS, TypeScript
- Built a mobile application store to expand store operations and deployed to App Store

PROGRAMMING LANGUAGES

JVM (Kotlin/Java/Groovy), JavaScript/TypeScript, Python, HTML5, CSS, PostgreSQL, MySQL, & some experience with C++ and C#

TECHNOLOGIES

React, NextJS, ElasticSearch + Kibana + LogStash (ELK), Grafana, Chef, NodeJS, .NET, Angular, Django, Jest, Jira, Jenkins, Ratpack, Spring Boot, Kafka, Micronaut, Git, Docker, Codemods, Storybook, & Linux

EDUCATION

University of Virginia

Charlottesville, VA

Bachelor of Arts in Computer Science, GPA: 3.5 | Major GPA: 3.8

May 2021

LEADERSHIP

Management Leadership for Tomorrow (MLT)

Washington, DC

Career Preparation Fellow

February 2019 – March 2021

- Selected as one of 410 for an 18-month professional development program for high achieving diverse talent

Boy Scouts of America

New York, NY

Eagle Scout and Junior Assistant Scoutmaster

January 2011 – March 2017

- Helped manage a troop of 53 scouts, planned and administered weekly meetings, and lead and mentored scouts