

# Joel Tavarez

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## WORK EXPERIENCE

### Newmark

Dallas, Texas

Full-Stack Software Engineer

October 2025 – Now

- Stack: React, Next.js, .NET, C#, Claude Sonnet 4.5
- Leveraging AI to design and build an end-to-end leasing web application
- Initiate and lead 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