

Joel Tavarez

(347) 867-6237 | joeldtavarez@gmail.com | joeltavarez.dev

EDUCATION

University of Virginia

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

Charlottesville, VA

May 2021

PROGRAMMING LANGUAGES

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

TECHNOLOGIES

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

WORK EXPERIENCE

Target

Minneapolis, MN

Software Engineer (Front-End Systems)

July 2021 – Present

- Own and optimized the same day delivery flow on Target.com (\$2B+ revenue) across 6+ micro frontends, ensuring revenue-critical performance, reliability, and seamless cross-repo deployments
- 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
- Optimize Target.com with contributions in the Performance Guild, where I learn and implement performance strategies for Target.com
- Proposed and implemented architectural improvements for cross-micro frontend add to cart solutions
- Developed the implementation and logging for the payment microservice (SNAP/EBT) on Target.com

Nourish'd Café

Cape Town, South Africa

Software Engineer Intern

July 2019 – September 2019

- Stack: Ionic/Angular, Shopify Storefront API, NodeJS, TypeScript
- Built a mobile application store using Shopify Storefront API to handle store operations
- Led a team of 6 software engineer interns

PROJECTS

MyDash-Personal Dashboard

- Stack: Django, Python, Git, Heroku, Travis CI
- Incorporated a GPA calculator, to-do list, custom calendar, and weather widget to the website

Mock Airbnb Mobile Application

- Stack: Ionic/Angular Framework, Node.js, Express.js, MySQL
- Developed two mobile applications that acts as a consumer and provider Airbnb App
- Created an admin panel that accurately reflects the database
- Full stack functional project that acts like the Airbnb mobile application

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

LANGUAGES

- Fluent in Spanish and English