Joel Tavarez

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EDUCATION

University of Virginia   Charlottesville, VA
Bachelor of Arts in Computer Science, GPA: 3.5 | Major GPA: 3.8   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