

# NAVID ROJIANI

Senior Software Engineer at Walmart Global Tech

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## WORK EXPERIENCE

### WALMART GLOBAL TECH

Senior Software Engineer | May, 2021 - Current

- Senior Software Engineer and Tech Lead for the NextGen POS Device Management team

### WALMART GLOBAL TECH

Software Engineer III | Jun, 2019 - May, 2021

- Co-designed a framework that allows web applications to interact with Point of Sale devices, (payment, printers, scanners, scales, etc.). The framework provides abstractions & APIs for device commands and events in order to decouple client app logic from the device-layer concerns, such as the device make/model/APIs or communication protocols (USB, Bluetooth, etc.), or OS. The framework is now used by multiple apps in production, and several teams are currently onboarding.
- Lead development of the device framework plugins & tooling for native Android & React Native clients.
- Team Lead for the Desktop device team from 6/2020-3/2021: designed software systems, provided technical guidance to software engineers on the team, reviewed code changes and designs, and worked with PMs, POs, SDMs, to translate requirements into actionable user stories and ensure that the product is implemented and delivered on time.
- Designed & implemented a deployment framework now used to manage software on all Self-Checkout machines in ~300 stores. The system includes a deployment client along with services & a web app that enables teams to execute complex deployment steps modeled as a Graph. The framework fills a gap for deployment to systems that don't support containerization or virtualization.
- Lead effort to mandate code quality tooling (code coverage, static analysis, auto-formatting, git hooks) for all repos on the team & integrated these tools into all builds.

### AMAZON

Software Development Engineer I-II | Aug, 2015 - May, 2018

- Contributed to the migration of the Amazon.com retail Checkout to a Java stack and MVVM architecture using Spring Framework and the Checkout API
- Worked on a 5-person team designing a REST API for Checkout
- Helped build Checkout & other features in the Amazon Shopping app for Apple TV, guiding the integration of the Checkout API, and implementing functionality in the Swift tvOS client app.
- Expanded the 'Manage Your Payment Methods' and associated pages in the 'Your Account' section of the Amazon mobile app (& mobile browser) to Japan, France, & India.
- Primary developer for Checkout for the Android Fire TV Shopping app after its initial launch in the US

### AMAZON

Software Development Engineer Intern | May, 2014 - Aug, 2014

- Developed the Voice Search feature in the Amazon Shopping app for Android, including calling the voice recognition service (now part of Alexa) into the app, implementing the UX for the feature in native Android, & integrating with the search service. I worked with the UX team, Project Managers, & consulted with a Sr. Engineer to ensure that the feature met all functional and quality requirements and was delivered on time.

## EDUCATION

### VIRGINIA TECH

Bachelor's of Science, Computer Science | 2012 - 2015