

Michael Nwani

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Technical

- **Languages:** Java, Swift, Ruby, JavaScript, Bash, Python
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Frameworks/Libraries:** Dropwizard (Jetty, Jersey, Jackson), JDBI, Hibernate, Ruby on Rails, jQuery, Sinatra, Android, Ansible, Sidekiq, UPS Developer Kit, ConnectShip, FedEx Web Services, SnapKit, Google Maps for iOS, Google Roads/Directions/Places APIs
- **Tools:** JIRA, Jenkins, RabbitMQ, Redis, Git, Git Flow, Cron, Splunk, New Relic, CocoaPods, Gradle, Maven, Heroku, AWS S3, BeautifulSoup, Scrapy

Experience

Rent the Runway

New York, NY

SOFTWARE ENGINEER II

Apr. 2017 - Mar. 2018

- Lead engineer on custom Dropwizard (Java) shipping system. Includes address validation via UPS ConnectShip, custom label generating, and package rating via UPS, FedEx, Doorman, Deliv, TForce, Breakaway with a deterministic shipping method outcome.
- Implemented inventory tracking and resolution system used by warehouse staff to trace lost inventory leading to \$1M+/yr in COGS.

SOFTWARE ENGINEER I

Dec. 2015 - Apr. 2017

- Delivered Unit Priority Blue, an algorithmically complex two-person project with Chief Analytics Officer visibility, which led to an automatic reduction in average unfulfillable order volume by roughly 10%, and savings of \$1.25 in COGS per shipment.
- Implemented Ansible automation software into proprietary Ruby software being migrated to pristine private cloud servers, enabling the shutting down of public cloud servers and savings of roughly \$20,800/mo.
- Integrated Doorman (a same day courier service) into proprietary shipping system. Also improved the system's outbound carrier decision flow logic, resulting in improved customer satisfaction and an annualized \$1.50 cost reduction per courier shipment.
- Cross-team collaborated to integrate enterprise warehouse automation software (provided by Red-dwerks) with proprietary warehouse order fulfillment software via AMQP messaging. Project scope had VP, SVP and Chief Logistics Officer visibility.

IBM

Littleton, MA

SOFTWARE ENGINEERING INTERN

July 2014 - Dec. 2014

- Architected integration test framework across SmartCloud Notes (SCN) platform.
- Designed synchronization of Selenium UI tests to IBM Domino API server-side tests, probability calculation using machine learning with CouchDB, and server status checking.
- Assisted Product Management Team with maintaining consistency between SCN.

PHT (acquired by ERT Clinical)

Boston, MA

SOFTWARE ENGINEERING INTERN

Jan. 2013 - June 2013

- Generated LogPad medical device testing data by building Python scripts using pre-designed templates.
- Applied software builds to LogPads/SitePads, tested and validated the software, and prepared data summaries.

Projects

Cheddah

Co-FOUNDER & DEVELOPER

Feb. 2017 - Present

- Deployed Swift 4 app to App Store, and developed a standalone (importable) CocoaPod version of the app. Implements SnapKit pod for Auto Layout constraints management.
- Deployed Android app to Google Play Store, and developed a standalone Android library (Maven) dependency version of the app using Gradle with Groovy.
- Deployed Ruby on Rails server app to Heroku. Implemented Coffeescript with jQuery for front-end user interactivity, Sidekiq with Redis for background job processing, PostgreSQL for database modeling, Amazon S3 with Carrierwave for assets management, and Twilio API for SMS text messaging.

GoSlow

Co-FOUNDER & DEVELOPER

Feb. 2018 - Present

- Deployed Ruby on Rails server app to Heroku and implemented PostgreSQL for database modeling.
- Developing Swift 4 app. Implemented GoogleMaps for iOS (pod) and Google Roads, Distance, and Places APIs for GPS navigation in Nigeria.

Education

Northeastern University

B.S. IN COMPUTER SCIENCE AND ENGINEERING

GPA: 3.3/4.0

Boston, MA

Sep. 2010 - May 2015