

# La-Keisha M. Towner

## Software Engineer

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## SUMMARY

My main strengths are constructing the core business logic of applications and designing APIs using microservice architecture solutions. I work primarily with JavaScript utilizing libraries like React, and React Native for front-end development, and Node.js, Express.js, and GraphQL for server-side implementations. I am also experienced with using non-relational NoSQL databases such as MongoDB, and Redis, and relational databases such as PostgreSQL, and MySQL. I've also implemented testing suites using Mocha for Behavior-Driven Development (BDD) and Test-Driven Development (TDD).

I am currently working at a Mobile development company whose platform is catered to improving internal communication to desk-less workers in Enterprise Companies. I work on a team that makes personalized iOS and Android Applications for each company as well as web portal. My major responsibilities are designing custom data endpoints for new and existing features. My workflow consists of about 20% fixing customer facing bugs mostly on the client side and about 80% of my time building features on the server-side of the application to enhance performance and better user experience.

## SKILLS

**DATABASES:** PostgreSQL, MongoDB, Redis

**CLIENT-SIDE:** Javascript, React, Ajax, HTML, Redux, React Native, CSS, Bootstrap, Material UI, JQuery

**SERVER-SIDE:** APIs, Node.js, Express.js, Ruby, Ruby on Rails, GraphQL, Restful Architecture, Microservice Architecture, gRPC, Protocol Buffers

**TEAM BUILDING:** Agile Methodologies, Git Flow

**UNIT TESTING:** Mocha, Chai, Cypress

**INFRASTRUCTURE:** AWS, Elastic Beanstalk, Docker

## EMPLOYMENT

**APPRISE MOBILE, *Software Engineer***, New York, NY

Sept. 2017 - Current

Build client-side features from design mockups for Android and iOS using React Native as well as web applications using React

Build server-side data points using GraphQL and Node.js along with connections to the Mongo database and Amazon Web Service for hosting Construct reports using command line scripts that query the database using Mongo and Postgres for complex data manipulation

Fix daily, client facing bugs on both Mobile and Web for more than 100 companies

Build an internal desktop client-facing application utilizing Electron.js for displaying company information quickly and more efficiently. Instituted an internal desktop application utilizing Electron.js for client-side database querying for non-technical employees

Designed and created a custom analytics tracking system using Segment.io and PostgreSQL for detailed data surrounding the life cycle of clients on the web, and mobile application.

**DEV BOOTCAMP, *Mentor***, New York, NY

July 2017 - Dec. 2017

Provided feedback to all students based on their web development challenges

Gave academic support to over 30 students with their daily projects and challenges

Conducted live coding sessions in Ruby, Ruby on Rails & various Javascript Libraries.

**NYC OFFICE SUITES, *Client Services Manager***, New York, NY

Aug. 2011 - Dec. 2016

Provided technical support to over 150 clientele including desktop help remotely.

Maintaining and configuring routers, switches, and VLANs.

Introduced and trained all new team members to operating systems and standard network configurations.

Managed day to day activity for 44,000 square foot serviced office.

## EDUCATION

**University at Buffalo**  
BS Chemistry

**CUNY New York City College of Technology**  
Computer Systems Networking and Telecommunications

## PROJECTS

**Analytics Platform**

Apr. 2019 - Current

The platform was designed to improve communication for companies and their employees by measuring how often content on the application is interacted with. Technologies used were React and, React Native for the front end client. PostgreSQL for database management, GraphQL for querying

**File Import System**

Jan. 2019 - Apr. 2019

Designed and implemented a CSV import system for user management. Tasks involved setting up business logic for parsing an uploaded CSV file, hooking up multiple microservices that have single responsibilities of talking to different MongoDB database collections. Technologies used were Node.js, GraphQL, gRPC, MongoDB

**Client-Side Database Querying**

Mar. 2018 - Apr. 2018

Built a User Interface for querying MongoDB database. This project was built as an internal tool to be used by non-technical team for doing basic querying from the database. This project was built using react utilizing Electron.js framework for exporting the project to a desktop executable.

## AWARDS

**Best implementation of Loopback, *MobileMondays Hackathon***

June 2017

Won the contest for setting up LoopBack in my project.

LoopBack is a scaffolding tool to set a web API using Express.js