





# Silin Dang

Full Stack Developer  
NYC, NY

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## Technical Skills

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**Front End** | JavaScript (ES6), ReactJS, React Router, React Hooks, Axios, CSS, HTML

**Back End** | Node.js, Express.js, RESTful API, Python, Flask, MySQL, MongoDB, Sequelize

**Dev Tools** | AWS, k6, New Relic, npm, Git, Vim, Jest, Enzyme, Webpack

## Professional Experience

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**M&M Trading Company LLC** - React.js, Bootstrap, Multer.js, MongoDB, Typescript May 2020 - present  
*Software Development Intern* [Live Site](#)

- Collaborated with a team of five engineers on a design tool for custom cabinetry
- Produced concise documentation and UI design to support initiatives for new features
- Utilized Agile methods and attended daily Scrum meetings to address roadblocks and provide feedback
- Employed MongoDB, Multer.js, and Typescript to create a file and image upload infrastructure for users to share files with each other

**AnWil Regents Inc** - English Teacher Nov 2019 - Mar 2020

**John J. Pershing Middle School** - English Language Arts Teacher Sept 2017 - June 2018

## Software Engineering Applications

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**Fake Stock** - React.js, React Router, CSS, HTML, Sequelize, MySQL, Passport.js

*A responsive real-time web-based stock portfolio application.*

[GitHub](#) | [Live Site](#)

- Used Passport.js to implement user authentication via email and password
- Created a list of all transactions user made to date (trades)
- Updated pricing information via the IEX API and the Alpha Vantage API
- Rendered portfolio page with the stocks users own along with their latest prices to indicate performance

**Voting Informed** - React.js, React Router, MySQL, Socket.IO, Passport.js

*A real-time chat application to inform voters of a current presidential candidate's platform.*

[GitHub](#) | [Live Site](#)

- Built a real-time chat app for users using Socket.IO to encourage discourse about important issues
- Delivered a robust security feature using Passport.js that supports a password-based policy authentication
- Managed URLs with React Router for easy navigation through the multi-page application

**Ecommerce Product Reviews** - PostgreSQL, AWS EC2, New Relic, Node.js

*Scaled an ecommerce microservice for production deployment.*

[Github](#)

- Migrated existing database from MySQL to PostgreSQL. Optimized complex microservice queries resulting in 99% reduced runtimes using indexing in a datastore containing over 100 million records
- Doubled throughput for microservice stress test at 1000 rps and with a .1% error rate
- Measured performance with k6 and New Relic

## Education

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**Hack Reactor** - Advanced Software Engineering Immersive Program 2019

**Shanghai Theatre Academy** - M.S. Intercultural Communications 2018

**Hunter College** - B.S. English Education 2016