

# Nicholas Morganelli

## Software Engineer

(774) 217-9605 · [ndm9412@gmail.com](mailto:ndm9412@gmail.com) · Waltham, MA · <https://github.com/nicodenelli>  
Website Portfolio - <https://nicodenelli.github.io/website-portfolio-final/>

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### About Me

I am a creative, hard-working, persistent full stack software engineer with a passion for conquering obstacles through teamwork. My previous experiences in low voltage cabling as well as my IT background has enabled me to understand how crucial chemistry and dedication to teamwork is in achieving success in all aspects of a work environment.

### Skills

**Programming Languages:** JavaScript, Express, Node.js, MongoDB, Mongoose, Python, React, HTML5, CSS3.

**IT:** SQL, Active Directory, Citrix, Empower, Service-Now, Outlook, Exchange servers, On-prem, File Management, Cisco Unified Communications Manager.

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### Software Development Projects -

February 2023 - Present

#### Browser-Based-Game Project - <https://github.com/nicodenelli/Tic-Tac-Toe-Project>

- Online Tic-Tac-Toe application
- Implemented **HTML5** to create the board, **Javascript** for the board and app's functionality, and **CSS** for styling.

#### Node/Express/MongoDB Full-stack CRUD Web App - <https://github.com/nicodenelli/Supers-App-Project-2>

- Full-stack application with a superhero theme where consumers can build creative characters
- Created RESTful **API** fetch calls to an **Express, MongoDB, Node.js** backend handling all (CRUD) operations, and tested all backend routes during development using Postman.
- Used **Mongoose** to define schemas for **MongoDB** collections.
- Implemented ES6 tagged template literals, embedding **Javascript**, and **CSS** for styling.

#### Python-based Django/AWS Web App - <https://github.com/nicodenelli/harvest>

- Full CRUD application that provides resources to either farmers with already established farms or to farmers trying to get started and inquiring.
- Connected to and performed data operations on a PostgreSQL database.
- Authenticated users using Django's built-in authentication. And implemented authorization by restricting access to the (CRUD) operations of resources using the login required decorator in the case of view functions; or, in the case of class-based views, inheriting from the LoginRequiredMixin.

#### MERN-full-stack application- <https://hat-trick-hub.onrender.com/>

- A MERN-full-stack application that functions very similarly to Instagram; where users can create posts, favorite posts, and or use sites provided to gain additional information or ideas/topics.
  - Implemented authorization by restricting access to the (CRUD) operations of resources using the login required decorator in the case of view functions; or, in the case of class-based views.
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### Professional Experience

#### loanDepot Application Support Analyst

February 2017 - September 2022

- Managing our internal employee's titles, locations, teams, and manager changes and employee terminations/rescinds
- Collaborating directly with Vendors (outside companies) for use of their systems to create accounts for internal loan applications.
- Coordinating directly with Teams and VP's for finding and resolving issues, as well as brainstorming ideas for creating more efficient processes
- Imaged Machines for new hires on East Coast
- Imaged LD machines and shipped them out to their destinations.
- Overcame my inexperience with no prior training in imaging, was shown the process from management and started as lead after a quick 15 min training session.

**Devine Technology** Installer, Canton, MA

**June 2012 - February 2017**

- MDF, IDF installation of racks, cable management in construction and service environments.
  - Cat 5E and Cat6 Patch Panel and Jack terminations. As well as closet rack and cabinet terminations.
  - Audio visual installation (TV and wall mount install, Touchpad wall installation, Room schedulers, Projectors, Projector screens)
  - Field testing (cable analyzers, copper and fiber)
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## **Education**

### **General Assembly**

*Software Engineering Accelerated Full Stack Immersive*

02/23