

# MERIC TOPYAN | SOFTWARE ENGINEER

Montclair, NJ | 551-556-9913 | [mtopyan@gmail.com](mailto:mtopyan@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## OBJECTIVE

---

Dedicated to applying a unique background in biology education to software engineering, combining analytical and problem-solving skills with a deep understanding of user needs. Aspiring to merge a passion for technology with a commitment to learning and innovation in software or web development projects.

## TECHNICAL SKILLS

---

**Languages:** JavaScript, HTML, CSS, Python

**Tools:** React, Node.js, Express.js, RESTful API Development, PostgreSQL, Photoshop, Mocha, Chai, Git & GitHub, Heroku, Node Package Manager (NPM), Visual Studio Code, Vercel, Render, DBaver

**Databases:** PostgreSQL, MySQL

## EDUCATION

---

Chegg Skills

Remote

*Certificate, Software Engineering Program*

12/2023

Rutgers University, School of Environmental and Biological Sciences

New Brunswick, NJ

*Bachelor of Science, E.E.NR*

05/2018

## PROJECTS

---

*Restaurant reservation application*

[LIVE](#) | [REPO](#)

Developed a full-stack restaurant reservation and table allocation system with an intuitive interface for staff and customers. Enabled online booking, efficient table management, and real-time updates using React, Node.js, Express, and PostgreSQL. Deployed on Render for optimal performance.

*Movie database application*

[REPO](#)

A back-end focused movie database application designed for enhanced search and information access. Integrated automated SQL queries using Knex, and employed Node.js with Express for efficient routing and git for version control.

*Flashcard Studying application*

[REPO](#)

An interactive flashcard web application to facilitate effective studying. Implemented deck management and card flipping features using React. Established comprehensive CRUD functionalities and deployed the application using Render, which resulted in improved user engagement and streamlined content management.

## EXPERIENCE

---

Nobles and Family Construction LLC

Remote

*Junior Full-Stack Developer*

09/2022-Present

- Led the development of a customer-centric website, complete with a dynamic quote estimation tool, resulting in enhanced user engagement and a 30% increase in online traffic.
- Implemented and managed a comprehensive MySQL database system for handling quote requests, prioritizing data integrity and stringent security measures to ensure customer information privacy.
- Utilized a technology stack including HTML/CSS, JavaScript, React, Node.js, and MySQL, contributing to a 15% growth in company profits through improved website functionality and user experience.

Montclair High School

Montclair, NJ

*Honors' Biology Teacher*

08/2020 - 08/2022

- Adapted teaching methods for diverse class formats, including remote and hybrid, using interactive digital tools and flexible lesson plans, enhancing student engagement and understanding in various learning environments.
- Fostered an inclusive and creative learning atmosphere by integrating hands-on experiments and group projects, which catered to different learning styles and promoted problem-solving skills.
- Collaborated effectively with educators and parents in project management, resulting in a 20% improvement in student performance, achieved through regular communication, goal setting, and progress tracking.
- Developed a dynamic and accessible biology honors curriculum, incorporating current scientific research and real-world applications, tailored to engage and support diverse learners through differentiated instruction techniques.