

Shane Tomonia

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TECHNICAL TOOLS

- **Programming Languages:** JavaScript ES6+, HTML5, CSS3
 - **Frameworks and Libraries:** React, Node.js, Express.js, Bootstrap, and jQuery
 - **Databases:** MongoDB (NoSQL), MySQL (SQL)
 - **Development Tools:** GitHub, Visual Studio, Insomnia
 - **Concepts:** Object-Oriented Programming (OOP), RESTful APIs, MVC Architecture, Agile Development
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EDUCATION

Columbia University Full Stack Engineering Bootcamp

The Fu Foundation School of Engineering and Applied Science,

NY, NY | **01/2023 - 07/2023**

- Cumulative GPA: 4.0

Baruch College,

Finance Major,

NY, NY | **01/2021 - 12/2021**

- Relevant Coursework: Calc 1, Calc 2, Discrete Math

St. Johns University,

Computer Science Major,

Queens, NY | **09/2019- 06/2020**

- Cumulative GPA: 3.7
 - Relevant Coursework: Java, Eclipse IDE
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PROJECTS

Greenhouse, - E-commerce Plant Store

<https://greenhouse1-8b73a9b5d931.herokuapp.com/>

- Engineered a dynamic e-commerce platform utilizing the MERN stack (MongoDB, Express.js, React, Node.js), enabling a simulated buying and selling experience of various plants.
- Implemented JWT-based authentication to ensure a secure and personalized user environment, enhancing user satisfaction.
- Integrated GraphQL with Node.js and Express facilitates seamless API interactions and connections to MongoDB via Apollo Server, improving data retrieval efficiency.
- Developed responsive user interfaces using React, ensuring a smooth user experience across various device platforms.

Bleachers, - Real-time Sports Chat Rooms

<https://bleachers-app.herokuapp.com/>

- Developed a real-time chat platform leveraging socket.io to enable dynamic chat room creations for sports discussions, enhancing user engagement.
- Implemented user authentication using express-session and cookies, ensuring a secure and personalized user experience.
- Utilized MySQL for efficient data management and streamlined information storage for users and chat rooms, facilitating quick data retrieval.
- Created RESTful APIs using Node.js and Express.js to handle user and chat room data, improving the application's scalability.

Byte Boulevard, - A Robust Tech Blog

<https://byteboulevard-app-eb1d61fa2d47.herokuapp.com/>

- Designed and developed an interactive CMS-style tech blog adhering to the MVC paradigm, deployed on Heroku, providing a platform for tech enthusiasts to share and discuss ideas.
- Enhanced user engagement by creating a user-friendly interface with intuitive navigation and interactive features using Handlebars.js and CSS.
- Implemented robust user authentication and session management using express-session, fostering a secure and personalized user environment.
- Utilized Sequelize as the ORM for streamlined database interactions, improving the efficiency of data operations.

