

MICHAEL ALESSI

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[Portfolio](#) | [LinkedIn](#) | [GitHub](#)

TECHNICAL SKILLS

- **Front-end development:** JavaScript • HTML • CSS • React • React Native • Redux • Material UI • Flexbox • Axios
- **Back-end development:** Node • Express • Sequelize • Firebase • REST APIs
- **Databases:** PostgreSQL • SQL • NoSQL • Firestore • Firebase Real-time Database
- **Full-stack development tools:** Git • GitHub • Webpack • Mocha • Chai • Heroku • WordPress
- **Soft skills:** Problem-solving • Communication • Collaboration • Research • Time management • Adaptability
- **Familiar with:** Python • Ruby

PROJECTS

PokeWar - Turn-Based Online Multiplayer Game - [GitHub](#) | [Deployed site](#)

Role: Lead Developer - 8/2021 - WIP

- Created primary game mechanic and logic that sends game and turn data between both connected users
- Engineered match creation and finding system that allows players to find and join available matches
- Leveraged Firebase real-time database to power in-game real-time chat between players
- Designed and built the main page, gameboard, player select screen, and game match React components
- **Tech stack:** Firebase backend and NoSQL database, React, Redux

Drink Randomizer - Single Page App - [GitHub](#) | [Deployed site](#)

Role: Sole Developer - 8/2021 - WIP

- Full-stack application constructed with Firebase, Express, React, and Node tech stack
- Developed REST APIs connected to the Firestore database, deployed app on Firebase
- Implemented Firebase user authentication and Google sign-in
- Recreated a basic secondary design with similar functionality using React Native
- **Tech stack:** Firebase, Express, React, Redux, Node

Ray's Kitchen - Ecommerce Website - [GitHub](#) | [Deployed site](#)

Role: Lead Developer - 08/2021

- Full-stack eCommerce web application built using the PERN stack and Material UI
- Utilized JSON Web Tokens and localStorage to store encrypted user information client-side
- Designed database schema and constructed functioning shopping cart and add-to-cart features
- Built POST, PUT, DELETE, and GET API routes for the shopping cart.
- **Tech stack:** PostgreSQL, Express, React, Redux, Node

PROFESSIONAL EXPERIENCE

Fullstack Academy – New York, NY

Software Engineering Teaching Fellow

Sep 2021 - Current

- Teach JavaScript, software development concepts, and the PERN stack to a cohort of over 60 students
- Manage multiple student projects from ideation to deployment as project manager, technical mentor, and code reviewer
- Conduct technical interviews for prospective students and mock technical interviews for current students.
- Mentor students one-on-one to help them understand JavaScript fundamentals, debug, and problem-solve

Movable Ink – New York, NY

Account Executive

May 2018 - Nov 2020

- Identified areas of opportunity within client's data sources and APIs to leverage our MarTech SaaS platform to drive efficiencies and solve problems within clients' tech stacks
- Communicated strategic recommendations, launch plans, proposals, and in-depth ROI analysis to drive value and success for prospective and current clients
- Create meaningful relationships with clients and leverage cross-functional teams to drive client success

Spotluck, Inc – New York, NY

Community Manager

Mar 2017 - Dec 2017

- Spearheaded area launches by acquiring accounts, training new clients, and providing client support

The Gambrinus Company – New York, NY

Retail Account Manager

May 2015 - Mar 2017

- Analyzed IRI, Nielson, and corporate data to pinpoint valuable market prospects and forecast sales

EDUCATION

Fullstack Academy of Code
State University of New York, Oneonta

Certificate, Software Engineering
Bachelor of Science, Business Economics