

# Joshua Miller

Full Stack Software Engineer

## Professional summary

As an accomplished software engineer, I am highly committed to creating exceptional projects and working collaboratively to drive meaningful change. I am renowned for my meticulous and methodical approach to tackling intricate coding problems. I possess expertise in a diverse range of technologies, encompassing JavaScript, Node, MongoDB, React, and various others. My commendable record spans across both educational instruction and hands-on development positions.

## Employment history

### Lead SEI Instructor

Perscholas, Remote — Sep, 2023 – Present

- Teach a class of over 30 students about software development, with a specific focus on the MERN stack (MongoDB, Express, React, Node.js).
- Leading multiple cohorts in successfully graduating and supporting numerous students in their job search.
- Develop lectures, create learning materials, and monitor student participation throughout the course.

### Junior Instructor

Perscholas, Remote — Oct, 2022 – Sep, 2023

### Instructor Assistant

Perscholas — Mar, 2022 – Oct, 2022

### Teacher's Assistant

General Assembly, Remote — Jun, 2021 – Present

- Collaborate with instructional team to build supportive, productive, and engaging learning environment within a remote and open-ended setting

### Junior MicroServices Engineer

Seventh Ave., Remote — Sep, 2021 – Dec, 2022

- Developed code to deliver and enhance a positive user experience for over 7000+ users.
- Acquired industry experience by completing tickets and assisting other engineers.
- Offered innovative ideas and solutions to improve the performance and efficiency of Seventh Ave.'s software applications.
- Created and updated documentation for software programs, systems, and procedures to facilitate future reference and troubleshooting.

### Paid Software Engineering Intern

Seventh Ave., Remote — Jun, 2021 – Sep, 2021

## Education

### Full-Stack Software Engineer Fellow

General Assembly, Remote — Aug, 2020 – Apr, 2021

### Software Engineering Certificate

General Assembly

Capstone Project – API-GO is a complete and user-friendly package specifically created to help developers easily start projects that involve integrating third-party APIs. With its wide range of features and functionalities, API-GO provides ready-made code snippets that are customized to meet developers' specific needs.

## Contact information

TX, Houston

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## Languages

Javascript

Node

MongoDB

React

React Native

SQL

Nest.js

Next.js

Redux

JWT

Docker

Kubernetes

Rxjs

## Skills

Problem Solving

Collaboration

Full-stack Development

API Development

Data Structures

Object-Oriented Programming

## Projects

### Admin User Tool

Manage over 4000+ Seventh Ave. app users

Home base for all Seventh Ave. external tools displayed in user-friendly format to allow greater interaction with users. Technology: Express.js and Mongoose backend with React with Reactstrap frontend

### Event Vans

New Micro-Services Approach

New approach of the event bus to handle requests on the Seventh Ave. microservices architecture through creation of multiple servers to support incoming requests. Technology: Node.js, Express, Rxjs

### API-GO

General Assembly Capstone Project

Developed package targeted to help developers kickstart projects using third-party APIs. Gives pre-written code to users based upon given prompts. Link: <https://api-go.app/>

### FOMO

Freelance Mobile App for Food and Events

FOMO app connects users to local events. Built with React Native and Firebase for seamless cross-platform experience. Prioritized user-centric design, geospatial data for event discovery. Collaborative approach ensured stable, impactful solution.

### Pullupon.me

Centralized Link Interface

Seventh Ave. platform extension to display creators' links and other information. Built backend to support authorization, analytics, and user data. Technology: Nest.js, Node, & MongoDB