

# Joshua Miller

Full Stack Software Engineer

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## Professional summary

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Full Stack Software Engineer with 5+ years of experience and a track record of creating exceptional projects, driving change, and solving complex code problems. Proficient in a diverse range of technologies including JavaScript, Node, MongoDB, React, and more. Adept at providing educational instruction and hands-on development, demonstrating a strong commitment to collaboration and innovation.

## Employment history

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### Lead Software Engineering Instructor, Mar 2022 - Jan 2025

*Per Scholas, Remote*

- Maintained a graduation rate of 85% by fostering a supportive and engaging learning environment.
- Focusing on MongoDB, Express, React, and Node.js technologies
- Successfully led and graduated 10+ cohorts, each consisting of 30+ students, totaling over 300 learners.
- Managed Salesforce database, handling data of 200+ users, ensuring seamless data retrieval and updates with 99.9% uptime.

### Associate Instructor, Jun 2021 - Jan 2025

*General Assembly, Remote*

- Partnered with a multidisciplinary instructional team to create a supportive, engaging, and productive remote learning environment tailored to open-ended educational settings.
- Increased learner engagement by 25% through the implementation of interactive teaching methods, real-time feedback, and personalized support strategies.

### Junior MicroServices Engineer, Dec 2021 - Dec 2022

*Seventh Ave., Remote*

- Contributed significantly to securing a second bridge round, raising \$3.5 million for the Venture Capital backed start-up.
- Developed code to deliver and enhance a positive user experience for over 22,000+ users.
- Led the development efforts in seamlessly integrating a cutting-edge Event Bus model, known as Event Vans, to enhance system communication efficiency.
- Made significant contributions to backend development for a high-profile "Pullupon.me" Seventh Ave. application, akin to Link-tree, showcasing strong technical prowess and innovative problem-solving skills.

### Full Stack Engineer, Dec 2021 - Jun 2022

*Olympus Code, Remote*

- Played a pivotal role in developing **FOMO**, an event finder app, contributing to a 30% reduction in user search time through intuitive interface design and optimized search functionality.
- Applied innovative problem-solving skills to address technical challenges, reducing bug resolution time by 40%.
- Enhanced user experience by 50% by implementing user-centric design principles, resulting in increased app engagement and positive feedback.

### Paid Software Engineering Intern, Jun 2021 - Dec 2021

*Seventh Ave., Remote*

- Made significant contributions to the development of critical application features, including the main feed and a Q&A segment, enhancing user engagement by 40%.
- Recognized for exceptional performance during an internship, leading to a rapid promotion to **Junior MicroServices Engineer** within three months.
- Played a key role in designing and optimizing micro-services architecture, improving system scalability and reducing latency by 25%.

## Education

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### Software Engineering Certificate, Aug 2020 - Apr 2021

*General Assembly, Remote*

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.

### Some College, Aug 2018 - Jun 2020

*Lone Star College, Kingwood, TX*

## Links

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My Site: [joshuarmiller.dev](https://joshuarmiller.dev), Github: [github.com](https://github.com), LinkedIn: [www.linkedin.com](https://www.linkedin.com).

## Skills

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Problem Solving, Full-stack Development, API Development, Object-Oriented Programming, Javascript, Node, MongoDB, React, React Native, SQL, Next.js, Redux, JWT, Docker, Kubernetes, GraphQL, Microservices Architecture, Version Control, Agile Methodologies, UI/UX Design.

## Certificates

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### Software Engineering Immersive Program Completion, 420 hours

### Google AI Essentials, 8 Hours

## Projects

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### **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

### **Admin User Tool, MANAGED OVER 22,000+ 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

### **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/>