Joshua Miller

Full Stack Software Engineer
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Professional summary

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.
Links: https://www.linkedin.com/in/joshuamillerdev/ https://github.com/JoshuaMillerCode

Employment history

Expert AI Contributor (Task-Based Contract), Jun 2025 - Present
Snorkel AI, Remote

- Advanced AI's depth of knowledge and ability to reason, validate its own solutions, and produce rigorous justifications and academically acceptable solutions, directly improving interpretability and correctness in LLM-based problem solving.
- Uncovered failure modes in deductive logic, computation, and mathematical reasoning.
- Contributed to the evolution of AI's mathematical cognition, influencing model fine-tuning strategies and shaping the next generation of AI reasoning benchmarks

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.

Senior Instructional Associate, 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

Software Engineering Certificate, Oct 2020 - Apr 2021
General Assembly, Remote

Some College, Aug 2018 - Jun 2020
Lone Star College, Kingwood, TX

Skills

Problem Solving, Full-stack Development, API Development, Object-Oriented Programming, Javascript, Node, MongoDB, React, React Native, SQL, Next.js, Tailwind CSS, Redux, JWT, Docker, Kubernetes, GraphQL, Microservices Architecture, Version Control, Git, Github, Agile Methodologies, UI/UX Design, Ruby on Rails, C++.

Certificates

Software Engineering Immersive Program Completion, 420 hours

Google AI Essentials, 8 Hours

Projects

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/