

Shawn Faber

📞 (401) 585-9368
✉ sfaber02@gmail.com

🐙 GitHub
🌐 LinkedIn Profile

EXPERIENCE

- **Peloton Interactive** Dec 2022 - Present
New York, NY
Backend Software Engineer
 - Uptime and Reliability**
 - Ensured high uptime and reliability on critical services for Peloton’s in-class experience, significantly reducing downtime and improving overall service availability.
 - Proactively monitored system performance and implemented automated alerting mechanisms to quickly address potential issues, minimizing disruptions for users.
 - Conducted regular performance tuning and capacity planning to handle peak loads and ensure consistent service performance during high-traffic periods.
 - Migrated critical code paths from a monolithic architecture to a microservice architecture, resulting in improved scalability and maintainability of the codebase.
 - Backend Development**
 - Built scalable and performant backend services that enhance the experience of Peloton’s community, enabling seamless integration of new features and ensuring system reliability.
 - Optimized database queries and introduced caching mechanisms to improve response times, resulting in faster user interactions and enhanced user satisfaction.
 - Collaborated with cross-functional teams, including front-end developers and product managers, to design and implement APIs that meet user needs and support new product features.
 - Additional Contributions**
 - Implemented blocking features for all Peloton users that filter 500 million workouts per day, ensuring a safe and secure environment for all users.
 - Maintained internal infrastructure and tooling to support various product features, ensuring developers had the tools they needed for efficient and effective development.

TECHNICAL SKILLS

Back End: Python, Kotlin, Javascript
Front End: HTML, CSS, JavaScript, React
DBMS: PostgreSQL, Redis, DynamoDB
DevOps: Docker, Git, Jenkins, Github Actions
Misc: AWS, Datadog

PERSONAL PROJECTS

- **Mixle** Jun 2022
An audio manipulation game where users create a custom mix of a daily song.
 - Javascript, React, Express, PostgreSQL, Web Audio API, Netlify, Heroku
 - Links: Live Game, Frontend, Backend
- **Netbench** April 2024
A tool to conduct network speed benchmarks and visually represent the results through detailed graphs
 - Python, C
 - Links: Source Code

ACHIEVEMENTS

- **Semi Finalist** 2023 Peloton Hackathon June 2023
- **Best in Show** Pursuit Capstone June 2022

EDUCATION

- **Pursuit** 2021 - 2022
Advanced Software Engineering Immersive New York, NY
- **Burlington College** 2009 - 2013
B.A. English Burlington, VT
- **Drexel University** 2002 - 2003
Computer Science Coursework Philadelphia, PA