# Aslan Shaken

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## Software Engineer | Full Stack Specialist | Entrepreneur

## TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Ruby, Python
Frameworks/Libraries: React, Node, Express, Django, Ruby on Rails
Database Systems: MySQL, PostgreSQL, MongoDB, Redis, Oracle
Cloud Platforms, and Other Tools: AWS, GCP, Docker, Kubernetes, Celery, CI/CD, GraphQL

## PROFESSIONAL EXPERIENCE

**Software Engineer**                                                                                        Jul 2020 - Feb 2024
Republic                                                                                                                NYC, NY

- Led a team of 4 to architect and implement the end-to-end full stack development of the Republic Crypto Wallet/Note, ensuring seamless integration with cutting-edge web3 technologies and stringent compliance across diverse crypto jurisdictions, facilitating a notable surge of $50M in investments.
- Implemented a strategic transition from a RESTful API to GraphQL using a Domain-Driven Design approach, overseeing the rewriting of a significant portion of the backend codebase and collaborating extensively across cross-functional teams resulting in a notable 30% improvement in data fetching efficiency and a 25% reduction in query response time.
- Participated in the product support team by troubleshooting and resolving critical production issues affecting millions of users, leading to a 25% decrease in system downtime and a 15% increase in user satisfaction.
- Developed unit tests for critical back-end features, reducing bugs in production by 15% and enhancing overall code reliability. Additionally, improved test documentation for better code maintenance and developer understanding.
- Integrated Datadog monitoring into the platform, enabling real-time insights into system performance and facilitating proactive issue resolution, resulting in a reduction in downtime and improved system reliability.

**Software Engineer**                                                                                        Oct 2018 - Jun 2020
Datadog                                                                                                                 NYC, NY

- Collaborated with a team on migrating from monolithic architecture to microservices, enhancing scalability and system reliability, resulting in a 35% decrease in system downtime and an improvement in overall performance.
- Spearheaded the redesign of front-end UI, introducing user-centric features and improving overall usability, resulting in a 15% increase in user engagement and satisfaction.
- Collaborated with cross-functional teams to streamline the bug-fixing process, implementing agile methodologies that reduced the average time to resolve live bugs and improved the overall efficiency of the product support team.
- Implemented enhancements to API infrastructure, optimizing response times by 10% and ensuring seamless integration with third-party services and client applications.

**Software Engineer Fellow**                                                                                May 2018 - Sep 2018
General Assembly                                                                                                       NYC, NY

- Engaged in an immersive and structured 500+ hour full-time program, acquiring advanced skills in full-stack development, testing and debugging, version control, cloud computing, data analytics, and agile project management.
- Collaborated with industry professionals and peers to tackle real-world projects, gaining hands-on experience in agile methodologies and modern software engineering practices.
- Introduced interactive coding challenges and quizzes into the curriculum, leading to an increase in student retention rates and an enhancement in overall learning outcomes.
- Organized and facilitated weekly coding workshops, covering advanced topics in software development and providing opportunities for hands-on practice and skill refinement.

## EDUCATION

**New York City College of Technology**                                                                        2018 - 2020
B.T. in Computer Systems (Software Development)                                                                       NYC, NY

**Borough of Manhattan Community College**                                                                      2016 - 2018
A.A.S. in Computer Networking Technology                                                                              NYC, NY