STEVEN BROOKS

Senior Software Engineer

📞 +17028615835 @ brooks.stevenjr@gmail.com 🔗 linkedin.com/in/brooksstevenjr/ 📍 Las Vegas, NV

SUMMARY

Senior Software Engineer with 9+ years building large-scale e-commerce and payment systems using AWS, microservices, and event-driven architectures. Led development of Guest Checkout at Zappos/Amazon, now driving 7–10% of company sales, and integrated Amazon Pay, contributing ~6% of sales. Experienced in Java, Python, SQL, REST APIs, CI/CD, and observability, leading cross-functional teams and mentoring engineers.

EXPERIENCE

11/2022 - Present

Software Development Engineer 2
Amazon

- Led system design and managed multiple tech teams to develop Guest Checkout, now driving 7-10% of company sales
- Implemented Amazon Pay into Zappos checkout system, driving roughly 6% of company sales
- Directed migration of microservice proxy layer to AWS resulting in a 30% across the board latency reduction in all proxied requests
- Updated backend systems to use Amazon's secure recognition and allow for roughly 80% of all backend requests to be made safely without forcing customers to log in
- Served as the formal mentor for multiple junior engineers and guided through monthly 1:1s, resulting in 1 mentee promotion and positive performance reviews

02/2019 - 11/2022

Software Engineer
Zappos

- Expanded microservice proxy layer functionality leading to removal of thousands of lines of redundant code/configuration
- Built critical security components leading to the blocking of millions of requests from bad actors daily
- Added several core AWS features to cart system including implemented AWS CodeDeploy for blue/green deploys and AWS ECS/Fargate for firelens AWS CloudWatch logging

09/2018 - 02/2019

Software Engineer
Everi

- Normalized MSSQL databases enabling safer data operations and new feature additions
- Modernized Angular frontend, reducing load times by multiple seconds
- Optimized backend saving several seconds on high-latency requests, addressing a major pain point

04/2018 - 09/2018

Jr. Software Engineer
Influential

- Debugged legacy systems solving customer reported bugs and general application improvements
- Created microservice to handle reactive automatic email communication that was previously manual

08/2016 - 04/2018

Software Development Intern
UNLV Network Engineering Department

- Developed internal and campus wide applications saving hundreds of hours of network engineer time
- Created wifi.unlv.edu to help assist getting students and faculty connected to eduroam network

EDUCATION

2013 - 05/2018

B.S. Computer Science - Minor in Mathematics
University of Nevada, Las Vegas

- GPA: 3.88 (Magna Cum Laude)

SKILLS

| Java | Python | C# | Spring | Flask | SQL | AWS | DynamoDB | CI/CD | System Design | Docker |

| Leadership | Emotional Intelligence | Integrity | Customer Service | Adaptability | Creativity | Mentorship |