
Hasti Gheibi Dehnashi

Phone: 408-805-9494 | **Email:** hastidehnashi@gmail.com

LinkedIn: [linkedin.com/in/hasti-gheibi-dehnashi](https://www.linkedin.com/in/hasti-gheibi-dehnashi) | **GitHub:** github.com/HastiGD | **Portfolio:** hastigd.com

Summary

Software Engineer with over two years of experience at Amazon Web Services, specializing in cloud data storage. Demonstrated expertise in implementing scalable solutions, optimizing system performance, and enhancing operational efficiency. Proficient in Golang, Scala, Python, and Java. Adept at working in fast-paced environments and collaborating with cross-functional teams to deliver impactful results.

Education

Master of Science in Computer Science

Northeastern University, Boston, MA | Graduated: May 2022

Bachelor of Science in Chemistry

San Francisco State University, San Francisco, CA | Graduated: May 2017

Professional Experience

Software Development Engineer 2

Amazon Web Services (AWS), February 2022 - September 2024

- **CI/CD Host Patching:** Transformed a manual deployment pipeline into a fully automated CI/CD system for deploying time-sensitive security patches, incorporating dynamic deployment speeds and safety features to isolate failed patches.
- **Data Replication Client and APIs:** Developed four new APIs for AWS S3 to improve data redundancy, and created a client for executing various data replication operations.

- **Lock-free Concurrent Object Upload:** Reduced upload time by 93% for AWS S3 multipart uploads by implementing a lock-free consensus-based algorithm, significantly benefiting customers with large objects.
- **Supported Operations:** Served as an on-call engineer to assess and mitigate customer impacts, perform root cause analysis, and collaborate on long-term fixes. Monitored operations dashboards and proactively addressed potential issues.

Software Development Engineer Intern

Amazon Web Services (AWS), May 2021 - August 2021

- **Host Optimization:** Led an intern project to decrease test server costs by 91% by optimizing EC2 instance types. Managed the entire software development lifecycle, including stakeholder discussions, project scoping, coding, testing, and deployment under supervision.

Engineer Technician

Tesla, June 2017 - March 2019

- Collected, analyzed, and visualized thousands of data samples for quality assurance purposes.

Technical Skills

- **Programming Languages:** Proficient in Golang/Go, Scala, Python, Java; Basic proficiency in JavaScript
- **Frameworks and Libraries:** Basic proficiency in ReactJS
- **Tools and Platforms:** Amazon Web Services (AWS), Git, VS Code, IntelliJ IDEA