

# Hasan Syed

hasansyed730@gmail.com / Backend + Cloud Engineer / Houston, TX

---

## Summary

Computer Science student (4.0 GPA) who has built and deployed serverless applications on AWS using S3, CloudFront, Lambda, and DynamoDB with Terraform and CI/CD, focused on scalable backend systems. AWS Solutions Architect Associate Certification in progress.

GitHub: <https://github.com/hasansyedCS/> | LinkedIn: <https://www.linkedin.com/in/hasansyedCS/>

---

## Education

### Computer Science B.S.

Arizona State University • Tempe, AZ

- Expected May 2028 | GPA: 4.0
- 

## Skills

AWS, S3, CloudFront, Lambda, DynamoDB, API Gateway, Python, Terraform, GitHub Actions (CI/CD), Git, SQL, FastAPI, Redis, Docker, PostgreSQL

---

## Projects

### hasansyed.dev - Serverless Personal Portfolio:

- Built static portfolio on S3 + CloudFront achieving sub-100ms global latency with 99.9% availability
- Implemented visitor counter using API Gateway, Lambda (Python), and DynamoDB with sub-200ms response time
- Managed 100% of infrastructure as code with Terraform; automated deployments via GitHub Actions
- Secured with HTTPS via ACM, custom domain hasansyed.dev managed in Porkbun
- **Live deployment:** <https://hasansyed.dev> | **GitHub Repo:** [github.com/hasansyedCS/hasansyed.dev](https://github.com/hasansyedCS/hasansyed.dev)

### LinkLynx - URL Shortener (In Progress):

Building REST API with FastAPI, PostgreSQL, Redis, and Docker for URL shortening with click analytics

- Containerizing with Docker; infrastructure as code with Terraform
  - Targeting deployment on AWS ECS Fargate
  - **GitHub Repo:** [github.com/hasansyedCS/LinkLynx/](https://github.com/hasansyedCS/LinkLynx/)
- 

## Open Source Contributions

### terraform-aws-s3-bucket (terraform-aws-modules):

- Added support for null value in replication\_ configuration variable to allow clean conditional enabling of replication (Open PR #385)
- **GitHub PR Link:** <https://github.com/terraform-aws-modules/terraform-aws-s3-bucket/pull/385>