Yousif Alani

San Diego, California

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EDUCATION

University of California, San Diego | La Jolla, CA   **Dec 2026**

B.S. in Computer Engineering | GPA: 3.4

- **Relevant Courses:** Operating Systems, Computer Architecture, Files & Databases, Web Development, Data Structures & Algorithms, Computer Security

PROJECTS

Cloud Portfolio Website Deployment | *Personal Project |* [View Site](#)   **July 2025**

- Developed and deployed a fully responsive portfolio website using Next.js and TypeScript, showcasing cloud and DevOps projects
- Automated CI/CD pipeline with AWS CodeBuild, deploying to S3 and distributing globally via CloudFront
- Provisioned infrastructure using AWS CDK, ensuring scalable, secure, and cost-effective architecture as code

AWS IAM Security Redesign | *Personal Project*   **July 2025**

- Architected a role-based IAM model with Terraform, creating scoped permissions for Developers, Operations, Finance, and Analysts to enforce least privilege across EC2, S3, RDS, and CloudWatch
- Implemented MFA enforcement and a custom password policy aligned with AWS security best practices, eliminating shared credentials and enhancing auditability

AWS CDK VPC Infrastructure Deployment | *Personal Project*   **June 2025**

- Deployed multi-AZ **VPC** architecture using AWS CDK (TypeScript), provisioning public/private subnets, **EC2** instances, and MySQL RDS
- Automated infrastructure as code (**IaC**) with secure, tagged, and isolated resources across two availability zones

Next.js Static Website Deployment with Terraform & AWS | *Personal Project*   **June 2025**

- Deployed static Next.js site on AWS using Terraform, with S3 for hosting and CloudFront for global CDN distribution
- Implemented remote state management with S3 and DynamoDB for scalable, reproducible IaC deployments

EXPERIENCE

WayHome | Austin, TX - Remote   **Aug. 2025 - Dec. 2025**

Incoming Software Engineering Intern

- Contribute across the full software development lifecycle (SDLC), including code reviews, automated testing, CI/CD pipelines, and production deployment.
- Develop responsive web applications using Ruby on Rails, PostgreSQL, HTML/CSS, Bootstrap, Docker, Git/GitHub, and RESTful APIs.
- Collaborate with cross-functional teams in an Agile/Scrum startup environment, utilizing Git workflows and version control best practices to deliver MVP for market launch.

TECHNICAL SKILLS

Languages: Python, C++, JavaScript, TypeScript, HTML, CSS, SQL

Cloud and Infrastructure: AWS (EC2, S3, IAM, RDS, Lambda, VPC), Terraform, Infrastructure as Code, Networking, Linux, Kubernetes,

Tools: Git, CI/CD, Bash, Windows, macOS, Linux, Active Directory, Office 365, Desktop, Slack, Excel