

# Yousif Alani

San Diego, California

(510) 710-3181 | yousifalani11@gmail.com | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

## SUMMARY

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Motivated computer engineering student with a strong interest in IT risk, cybersecurity, and technology compliance. Experienced in cloud platforms, system monitoring, and control frameworks, and eager to contribute to impactful projects and collaborate within dynamic team environments.

## EDUCATION

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**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

## TECHNICAL SKILLS

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**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

## PROJECTS

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**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

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**Nordstrom | Walnut Creek, CA**

**Oct. 2023 - Aug. 2024**

*Web Fulfillment & Sales Associate*

- Fulfilled high volumes of online orders with speed and accuracy, collaborating with logistics and inventory teams to ensure timely delivery and resolve order issues