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

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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, Docker, AWS CLI, Windows, macOS, Active Directory, Office 365, Node.js

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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
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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

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
- Provided personalized product recommendations across 500+ items, leading to a 20% increase in sales from repeat customers within six months