

# ALAN LE

✉ [elnala24@gmail.com](mailto:elnala24@gmail.com) ↗ [linkedin.com/in/alantommyle](https://linkedin.com/in/alantommyle) ☎ (408)841-6474  
↗ [github.com/elnala24](https://github.com/elnala24) ↗ [medium.com/@elnala24](https://medium.com/@elnala24)

## Professional Summary

AWS Certified Cloud Engineer with hands-on experience building secure, scalable infrastructure using CDK, Terraform, and CloudFormation. Skilled in VPC networking, IAM security, serverless architecture, and CI/CD automation. Seeking a junior cloud engineering role to apply IaC expertise and a strong security-first mindset to cloud operations.

## Technical Skills

- **AWS:** EC2, VPC, S3, RDS, IAM, ALB, Lambda, API Gateway, DynamoDB, SES, Auto Scaling, CloudWatch, SNS, CloudFront
- **IaC/DevOps:** AWS CDK (TypeScript), Terraform, CloudFormation, GitHub Actions, Git
- **Languages & OS:** TypeScript, Python, JavaScript, Linux, Bash
- **Security & Networking:** IAM (RBAC, MFA, least privilege), Security Groups, VPC, TCP/IP, DNS

## Projects

<b>Cloud Engineering Academy, <i>Cloud Engineering Program</i>, Remote</b>	<b>Nov 2024 - Present</b>
<ul style="list-style-type: none"><li>· Deployed serverless contact form using Terraform, <b>provisioning 19 AWS resources</b> (API Gateway, Lambda, DynamoDB, SES, S3) with CORS configuration, email confirmation, and unique inquiry ID generation.</li><li>· Developed AI-powered YouTube title generator using TypeScript, YouTube Data API, processing <b>50+ API requests per session with sub-second response times</b>.</li><li>· Launched Next.js portfolio on AWS Amplify with GitHub CI/CD, <b>reducing deployment time from manual uploads to under 2 minutes</b>.</li><li>· Architected and provisioned a multi-AZ, three-tier VPC architecture hosting an EC2 web application, <b>spanning 2 Availability Zones with public/private subnets, NAT gateways, and network ACLs for defense-in-depth</b>.</li><li>· Implemented Auto Scaling Groups, CloudWatch alarms, and SNS notifications, <b>enabled dynamic scaling from 2 to 6 instances using CloudWatch metrics and Auto Scaling policies</b>.</li><li>· Configured Application Load Balancer with listener rules, path-based routing, and restricted security groups, <b>distributing traffic across 2+ target groups with health checks every 30 seconds</b>.</li><li>· Established IAM security architecture with MFA, RBAC, and least-privilege policies, <b>restricting access across 5+ IAM roles and eliminating overly permissive wildcards</b>.</li><li>· Designed a serverless video-sharing platform using Lambda, S3, MediaConvert, Rekognition, Transcribe, OpenSearch, and CloudFront, <b>processing video uploads end-to-end with automated transcription and content moderation</b>.</li></ul>	

## Certifications

<b>AWS Certified Cloud Practitioner, <i>Amazon Web Services</i></b>	<b>May 2025 - May 2028</b>
<ul style="list-style-type: none"><li>· Validation #: 82fafacf13f1436badcd6676c82049c6</li><li>· Currently pursuing: AWS Solutions Architect – Associate (SAA-C03)</li></ul>	

## Employment

<b>Abode Services, <i>Financial Analyst</i>, Fremont</b>	<b>Dec 2022 - Sep 2024</b>
<ul style="list-style-type: none"><li>· Prepared monthly financial reports for <b>12 programs</b> using Sage Intacct, Nexonia, and SharePoint, covering <b>\$500K–\$6M</b> in annual program spend, including prebills, expenses, accruals, A/R aging, allocations, and program mapping.</li><li>· Calculated and allocated <b>\$10k–\$500k</b> in administrative expenses across <b>12+ funding sources</b>, ensuring accurate program-level cost attribution and compliance.</li><li>· Resolved unplanned audits across <b>5 California counties</b> under strict deadlines, delivering <b>100% on-time responses</b>.</li><li>· <b>Reported results to key decision-makers</b>, highlighting cost overruns, budget risks, and actionable recommendations ahead of month-end close.</li></ul>	

<b>Capitol Mazda, <i>Online Product Specialist</i>, San Jose</b>	<b>Jul 2019 - Jul 2020</b>
<ul style="list-style-type: none"><li>· Generated over <b>\$3.6M</b> in total automotive sales with over <b>180 successfully closed deals</b>.</li><li>· Outperformed monthly goals of <b>12+ units</b> with customer service <b>survey score above 95%</b> zone.</li></ul>	

## Education

<b>San Jose State University, <i>B.S. in Finance</i></b>	<b>Aug 2018 - Dec 2021</b>
<ul style="list-style-type: none"><li>· Relevant coursework: Quantitative Analysis, Optimization &amp; Decision Models, Data-Driven Forecasting</li></ul>	