AMIT JIKAR

Senior Cloud Engineer | AWS

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SUMMARY

Senior engineer with 12+ years in software, including ~8 years building and supporting production systems on AWS for enterprise cybersecurity products, most recently at Check Point. Hands-on across serverless infrastructure (Lambda, API Gateway, DynamoDB, Step Functions, SQS/SNS) and containerized microservices running on Kubernetes across multi-region AWS, released through GitOps pipelines (ArgoCD). Experienced in production debugging with Grafana and Kibana, and in event-driven systems. Currently building hands-on depth in Terraform, EKS, VPC networking and CI/CD pipelines.

TECHNICAL SKILLS

Cloud (AWS)	Lambda, API Gateway, DynamoDB, Step Functions, S3, SQS, SNS, CloudWatch, IAM, Secrets Manager, SSM Parameter Store, Route 53, CloudFront, ACM, EC2, VPC, EKS
Infrastructure as Code	CloudFormation, Terraform
CI/CD & GitOps	AWS CodePipeline, AWS CodeBuild, AWS CodeDeploy, ArgoCD, Jenkins, Git, GitHub
Containers	Docker, Kubernetes
Observability	Grafana, Kibana, CloudWatch, OpsGenie
Scripting & Languages	Bash, Python, Node.js, TypeScript, JavaScript
Databases & Caching	PostgreSQL, DynamoDB, Redis
Operating Systems	Linux

PROFESSIONAL EXPERIENCE

Software Developer | Check Point Software Technologies Ltd. | Pune, India | Jul 2021 – Sep 2026

Cloud Infrastructure Platform (May 2025 - Sep 2026)

Node.js, TypeScript, PostgreSQL, Redis, SQS, Docker, Kubernetes, ArgoCD, AWS

Backend services for the shared platform behind Check Point's cloud security products: identity, billing, licensing and tenancy, running as containerized microservices on Kubernetes across multi-region AWS.

- Owned end-to-end delivery of two-factor authentication (TOTP and SMS via Twilio) for the centralized single sign-on service used across multiple Check Point products, from design through production release.
- Built AWS Marketplace billing integration APIs handling the subscription lifecycle (subscribe, entitlement change, unsubscribe), with idempotent, retry-safe handling of AWS's at-least-once event delivery.
- Built on-prem license management APIs integrated with the platform's authentication, identity and tenant services.
- Diagnosed and resolved a cross-region replication defect that caused child licenses to fail to sync from parent licenses, tracing the root cause through Grafana dashboards and Kibana logs.
- Shipped services to Kubernetes through GitOps release pipelines (ArgoCD), and wrote and maintained scheduled cron jobs for background processing.

Serverless Security Product (Jul 2021 - May 2025)

Python, Node.js, Lambda, API Gateway, DynamoDB, Step Functions, S3, SQS, SNS, CloudFormation

- Developed and maintained Lambda-based services in Python and Node.js on a fully serverless AWS architecture, supporting the product's transition from Protego into Check Point after the acquisition.
- Created and updated CloudFormation templates for Lambda functions, IAM permissions and supporting AWS resources, with secrets managed in Secrets Manager and SSM Parameter Store.
- Provided nearly four years of production support, debugging live issues through CloudWatch logs and metrics.

Software Consultant | Codewits Solutions Pvt. Ltd. | Pune, India | Apr 2020 – Jun 2021

- Continued development of the AWS serverless security product through enterprise readiness ahead of its acquisition by Check Point.

Senior Software Engineer | GDB Technologies Pvt. Ltd. | Pune, India | Sep 2019 – Apr 2020

- Developed features and supported production for the same AWS serverless security product through a period of organizational restructuring.

Software Engineer | GDB Technologies Pvt. Ltd. | Pune, India | Dec 2016 – Jan 2019

- Moved from iOS development (Objective-C, Swift) into backend engineering, building services on AWS serverless architecture (Lambda, API Gateway, DynamoDB).

iOS Developer | CallnData Technologies | Pune, India | Jan 2016 – Aug 2016

Software Developer | BVBI Infotech | Bengaluru, India | Jun 2013 – Jan 2016

PROJECTS

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S3, CloudFront, Route 53, ACM

- Hosted a static website in a private S3 bucket (public access blocked, encryption at rest enabled), served globally through a CloudFront CDN distribution, with bucket access restricted to CloudFront using Origin Access Control (OAC) and a bucket policy.
- Delegated DNS from the domain registrar (BigRock) to a Route 53 public hosted zone, and configured A and AAAA alias records to route IPv4 and IPv6 traffic to the CloudFront distribution.
- Secured the custom domain with HTTPS using an AWS Certificate Manager (ACM) certificate, validated through a DNS CNAME record in Route 53.

EDUCATION

Bachelor of Engineering (B.E.) | 2012

Computer Science and Engineering

RTM Nagpur University, Nagpur, India