

Pratik D. Gavali

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EXPERIENCE:

- Migrated 100+ domains from legacy CDNs to AWS CloudFront, handling 1.2B+ requests daily. Achieved 35% latency reduction, 28% cost savings, and 99.98% uptime SLA with integrated WAF and Shield protection.
- Developed Lambda@Edge functions for edge routing, authentication, and security header injection.
- Automated provisioning of CloudFront distributions and WAF rules using CloudFormation, reducing deployment time by 40%.
- Leveraged GuardDuty and CloudTrail logs with Athena for proactive threat detection and incident response.
- Collaborated with DevOps teams to streamline deployment workflows, reducing deployment overhead by 30%.
- Managed performance and security configurations across Akamai and Cloudflare CDNs for legacy clients; optimized caching strategies achieving 64% average cache hit ratio.
- Monitored AWS infrastructure using CloudWatch, and Nagios to ensure high system availability.
- Implemented IAM, Security Groups, and VPC networking best practices, strengthening cloud security posture.
- Conducted vulnerability assessments with Inspector and remediated misconfigurations, reducing risks.
- Managed SSL/TLS and Route 53 configurations for secure, highly available systems.

TECHNICAL SKILLS:

- **Cloud Technologies:** AWS (CloudFront, Lambda@Edge, EC2, Linux, S3, Route 53, IAM), Azure (Fundamentals), Akamai CDN.
- **Security & Compliance:** AWS WAF, Shield, GuardDuty, Inspector, CloudTrail, Security Hub, SSL/TLS, KMS, Config.
- **Automation & IaC:** CloudFormation, CI/CD pipelines, YAML, Json.
- **Monitoring & Logging:** CloudWatch, Athena, Glue, Nagios.
- **Networking & Delivery:** VPC, Subnets, DNS, Load Balancer, Auto Scaling, Nginx.
- **Programming / Scripting:** Python
- **FinOps:** Infrastructure Optimization
- **Database:** MySQL
- **Application or Web Server:** Apache Web Server, Nginx
- **IDE:** Visual Studio code, pycharm.

PROFESSIONAL EXPERIENCE:

August 2021 to till date

Hostin Services Pvt Ltd (Cloud.in)

PROJECT DETAILS:

Company: Hostin Services Pvt. Ltd. (Cloud.in).

August 2021 to till date

Designation/Role: Sr. Cloud Engineer

Hindustan Times (May 2023 – Oct 2024)

- Led the migration of domains from Akamai to AWS CloudFront, improving performance, scalability, and cost efficiency while maintaining strict security posture.
- Deployed AWS WAF + Shield Advanced, authored custom WAF rules and tuned signatures to block bots and mitigate Layer-7 attacks.
- Developed and deployed custom Lambda@Edge functions for URL redirection, origin-based routing, custom headers, and security policy enforcement.
- Served as the Technical Point of Contact (TPOC), handling deployment, troubleshooting, client communication, and incident resolution.

Other Clients:

- BigBasket, CoinSwitch, LIC, Airpay – contributed to projects involving CDN optimization, custom WAF rule creation, SSL/TLS configuration, bot protection, and log analysis (Athena, CloudWatch), along with reliability monitoring, incident response, performance tuning, automation, and strengthening networking and server-side components including DNS, load balancing, Apache/Nginx tuning, and TCP/IP-based troubleshooting to improve overall system stability and edge performance.

EDUCATION:

2019 - 2021 Masters in Computer Applications Government College of Engineering, Aurangabad

2015 - 2018 Bachelors in Computer Science Vivekanand College, Chhatrapati Sambhajnagar

CERTIFICATIONS

- AWS Certified Security – Specialty (2025)
- AWS Certified SysOps Administrator – Associate (2022)
- AWS Certified Solutions Architect – Associate (2021)
- Microsoft Certified: Azure Fundamentals (2021)