

KISHORE K

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SUMMARY

Final-year BCA (Cloud Computing & Information Security) graduate with hands-on DevOps and cloud infrastructure experience: AWS (EC2, S3, IAM, CloudFront, Route 53), Docker, Linux, Bash, and CI/CD workflows, backed by backend development in Python/Django and Node.js. Delivered production systems including automated cloud deployments, IAM security hardening, and a full-stack REST API platform. Seeking a DevOps Engineer role focused on infrastructure automation, CI/CD, and cloud security.

SKILLS

Cloud & DevOps: AWS (EC2, S3, IAM, CloudFront, Route 53, Glue, Athena, QuickSight), Docker, Linux, Bash, CI/CD

Backend & APIs: Python, Django, Django REST Framework, Node.js, REST API, JavaScript, HTML/CSS

Monitoring & IoT: InfluxDB, MQTT, LoRaWAN, Raspberry Pi, Chart.js, Postman

Tools: Git, GitHub, VS Code, Postman, MS Excel

EXPERIENCE

Software Engineering Intern | *Bluestock Fintech*

Jul 2025 – Aug 2025

- Architected and delivered a production full-stack IPO platform using Django 5 + Django REST Framework with 20+ REST API endpoints covering auth, CRUD, broker integration, and subscription tracking
- Engineered advanced filtering, search with debounce, and pagination on an enhanced IPO data model (issue size, price bands, listing dates, DRHP/RHP uploads); cut query response time via optimized queriesets
- Built responsive frontend with real-time search, IPO statistics dashboard, and interactive modal forms; configured CORS, media handling, Django Admin, and conducted Postman API testing

Cybersecurity Intern | *IIT Madras*

Jul 2024 – Dec 2024

- Designed and deployed a LoRaWAN-based remote monitoring system for real-time partial discharge detection on high-voltage insulators, used in collaboration with TNEB field engineers
- Developed embedded C firmware on Raspberry Pi Pico for ADC signal sampling, peak detection algorithm, and 32-byte LoRaWAN payload batching; deployed gateway using The Things Stack on Raspberry Pi 4B
- Built Node.js/Express webhook service for data ingestion into InfluxDB; created real-time dashboards (Chart.js, Leaflet) for live sensor monitoring and geospatial visualization

PROJECTS

AWS Streaming Content Analytics Dashboard | *S3, Glue, Athena, QuickSight*

Feb – Apr 2025

- Loaded 10K+ record entertainment dataset to S3; automated cataloging with AWS Glue and serverless querying via Athena; built interactive QuickSight dashboard with dynamic parameters and multi-chart views

Cloud Security — AWS IAM Hardening | *AWS IAM, EC2, Policy Simulator*

Jan 2025

- Defined least-privilege IAM policy (JSON) scoping full EC2 actions to Env=development tag with account-wide read-only access; validated all permissions using IAM Policy Simulator before live deployment

Static Website Hosting with CDN & DNS | *S3, CloudFront, Route 53*

Dec 2024

- Configured S3 static hosting + CloudFront CDN + Route 53 DNS achieving 99.99% uptime and 40% latency reduction; enforced bucket policies (s3:GetObject) and enabled S3 Versioning for rollback protection

EDUCATION

Bachelor of Computer Applications — Cloud Computing & Information Security

2026

Vels Institute of Science, Technology & Advanced Studies, Chennai | CGPA: 6.8