

Professional Summary

Lead Software Engineer with 6+ years in full-stack Python, specializing in Django/DRF to build scalable, secure web apps, multi-tenant dashboards, and ETL pipelines on AWS with Airflow. Architected self-serve analytics with RBAC/MFA, exports, and observability, plus plugin frameworks for connectors and campaign publishers across AdTech/MarTech. Delivered enterprise CMS, DAM with fast search, and Shopify e-commerce augmented by AI/LLM insights for competitive analysis and inventory planning, and mobile-first APIs for nonprofit ops.. Led teams, instituted CI/CD and Dockerized deployments, and cut analytics turnaround from weeks to hours via robust ETL and caching.

Experience

GALE

Bengaluru, Karnataka (On site)

Team Lead, Core Technology

Apr 2024 - Present

- Led core backend for a multi-tenant media reporting platform; unified ingestion from major ad platforms and delivered customizable dashboards with AI-driven insights, increasing analyst throughput by ~45% and dashboard adoption by ~60% across accounts
- Introduced scheduled exports, subscriptions, and governance (RBAC/MFA), cutting manual reporting effort by ~50% and reducing access-related incidents by ~80% through stricter permissions and audits
- Optimized query performance with tenant-aware caching and pre-aggregation, improving widget load times by 35–55% and reducing peak DB load by ~30% during campaign periods
- Implemented observability (structured logs, tracing, SLOs) and on-call playbooks, improving incident MTTR by ~40% and stabilizing data freshness to intra-day SLAs >99%

Senior Associate, Core Technology

Mar 2022 - Apr 2024

- Built a reporting dashboard framework and widget library for multi-client media accounts, reducing dashboard build time from weeks to hours and increasing reusability across clients by ~70%
- Engineered a marketing execution engine and publisher plugins to create/publish campaigns across social platforms, shrinking campaign rollout time from days to minutes and improving execution accuracy by ~30% via standardized metadata.
- Developed media ETL pipelines (Airflow) with robust retries/backfills to unify data from paid/organic sources, lifting data freshness to near real-time windows and reducing pipeline failures by ~50%

Associate Full Stack Developer

Sep 2020 - Feb 2022

- Delivered enterprise CMS builds: for CMS for Canada's largest investment board on WordPress (custom components, site sync, external job pulls) and BMO Wealth on Django CMS (responsive FE framework, Elastic search), enabling faster content ops and sub-second content/doc search for high-traffic pages. Implemented search with Elasticsearch (content + documents), achieving 200–500 ms query latency and improving content discoverability metrics (CTR on internal search) by ~25%
- Built reusable CMS modules and workflows that reduced new page/component rollout time by ~40% and lowered maintenance overhead via consistent APIs and templates
- Shipped CMS for Canada's largest investment board on WordPress with custom components and a site sync feature to promote content across environments; reduced editorial publish cycles by ~35%
- Integrated third-party job platforms and automated ingestion, improving time-to-publish for job listings by ~60% and ensuring data consistency across pages.
- Developed and maintained a loyalty engine for a clothing brand, improving campaign setup time by ~50% and enabling targeted offers with auditable rules and reports.

Intern

Sep 2020 - Feb 2022

- Built a Digital Asset Management system (Django REST + Elasticsearch) for a media agency, centralizing assets and enabling sub-second search; reduced asset retrieval time by ~70% and duplicate uploads by ~30% with metadata enforcement.

Additional projects and leadership (complementary to roles)

- Non-profit temple management suite (web + iOS/Android): event registration, accommodation, amenities, and leadership reporting; reduced on-site queues by ~90% and improved allocation accuracy by ~80%
- [Anekay \(co-founder\)](#): launched Shopify storefront a USA based Women Apparel brand; built AI “Marketing Lens” for competitive analysis and inventory planning, cutting stockouts by ~20% and improving seasonal assortment turns by ~15%

Technical Skills

AI and LLM: Generative AI, LLM applications, Agentic workflows, Prompt engineering, LangChain, OpenAI, Google GenAI, Vector databases (ChromaDB).

Backend and APIs: Python, Django, Django REST Framework, FastAPI, Node.js, RESTful APIs, Java, Android Studio, Elasticsearch.

Data and Messaging: Apache Airflow, Celery, Kafka.

Databases and Storage: PostgreSQL, MySQL, MongoDB, Redis, Snowflake, Redshift, BigQuery, Pre-signed S3 workflows.

Cloud and DevOps: AWS (EC2, S3, RDS), Docker, Kubernetes, Git, CI/CD, Linux.

Front-end and Web: ReactJS, JavaScript, HTML5, CSS3, Progressive Web Apps, jQuery.

Commerce and Content: Shopify automation and inventory intelligence, Digital Asset Management (DAM), CMS customization (WordPress, Django CMS), Site sync and content workflows.

Security and Access: RBAC and MFA implementation, Access control and audit logging, Tenant-aware caching and performance tuning, OAuth 2.0, SAML SSO.

Education

R. V. College of Engineering

Master of Computer Applications with distinction, 9 CGPA

Bengaluru, Karnataka, India

June 2019

Kumaun University, Nainital

Bachelor of Computer Applications, 71.87%

Nainital, Uttarakhand, India

June 2016

Language: English (Fluent), Hindi (Fluent)