

SANDEEP NAMINI

Senior Software Engineer | Cloud, Data & DevOps

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PROFESSIONAL SUMMARY

Software engineer and DevOps lead with 12+ years across telecommunications, enterprise applications, AWS infrastructure, and data platforms. Builds Java and Python services, Scala/Spark pipelines, and Adobe marketing integrations; carries delivery through infrastructure, CI/CD, testing, monitoring, and production support.

TECHNICAL EXPERTISE

Languages & services: Java, Python, Scala, SQL, Bash, JavaScript; Spring Boot, Spring Cloud, REST/SOAP, event-driven services, OAuth/OIDC.

Cloud & delivery: AWS Lambda, S3, SNS, SQS, DynamoDB, API Gateway, SES, ECS; Terraform/OpenTofu, Docker, GitHub Actions, Jenkins, Concourse CI, Maven, Gradle.

Data & marketing: Spark/PySpark, Databricks, Airflow/MWAA, Iceberg, PostgreSQL, Oracle, Redshift; Adobe Campaign Classic/v8, Message Center, Journey Optimizer, AEP integrations.

Reliability & quality: CloudWatch, Grafana, VictoriaMetrics, Vector, Elasticsearch/Kibana, Splunk; pytest, Behave, JUnit, data-quality validation, incident troubleshooting.

PROFESSIONAL EXPERIENCE

COMCAST | Philadelphia, PA

Sr. Java Developer / DevOps Lead Engineer | January 2018 - Present

Cloud, data & marketing platform engineering | 2023 - Present

- Developed Python APIs and event processors on Lambda, API Gateway, SNS/SQS, DynamoDB, and S3 to connect communication requests with downstream email, SMS, and push services.
- Integrated Adobe Campaign Classic/v8, Message Center, Journey Optimizer, and AEP workflows with channel delivery, vendor-file exchange, feedback processing, and communication history.
- Owned event-driven file orchestration across S3, SQS FIFO, DynamoDB, MWAA/Airflow, and Databricks, with ordered dispatch, state tracking, and explicit recovery paths.
- Built and maintained Scala/Spark and PySpark pipelines for customer enrichment, change-data capture, contact-history normalization, partitioned storage, and configurable data-quality checks.
- Owned inbound email-capture infrastructure using SES, Route 53, SNS, S3, and DynamoDB; contributed to MIME processing and SSO-protected HTML retrieval for support investigations.
- Owned customer Timeline event forwarders with cached OAuth tokens, exponential-backoff retries, and SQS partial-batch failure reporting for record-level recovery.
- Created reusable Java/Scala deployment templates using Maven/Gradle, S3 artifact publication, Databricks job configuration, OIDC authentication, and manual production promotion.

PROFESSIONAL EXPERIENCE, CONTINUED

COMCAST | Philadelphia, PA

Sr. Java Developer / DevOps Lead Engineer | January 2018 - Present

Cloud, data & marketing platform engineering | 2023 - Present

- Worked across structured application logging, Vector/ECS forwarding, CloudWatch monitoring, VictoriaMetrics collection, and Grafana alert routing to support operational troubleshooting.
- Built Python/SQL integrations for PostgreSQL contact data, retention processing, and S3 exports; contributed to OpenTofu-based Redshift provisioning and monitoring.

Know Every Business: applications, data & DevOps | 2018 - 2022

- Led migration of 15 external data vendors to Comcast-managed SFTP/AWS/S3 exchange, coordinating security and operations requirements for vendor onboarding.
- Designed Java/Spring Boot REST services for sales and marketing data; integrated third-party ingestion APIs and supported Python/Pentaho ETL and Oracle database workloads.
- Led DevOps delivery for ETL and API teams, automating cloud configuration, Jenkins pipelines, and release promotion with Terraform, CloudFormation, and deployment tooling.
- Tuned production SQL, resolved L3 application and data-pipeline incidents, and supported release planning, monitoring, code review, and cross-team troubleshooting.

AT&T | Dallas / Richardson, TX

Sr. Java Developer / Production Support | May 2014 - December 2017

- Developed Java/Spring services and AngularJS interfaces for enterprise metadata discovery, API insights, and self-service test automation across testing and data-platform teams.
- Served as Data360 subject-matter expert for the Invenio metadata platform, supporting discovery, lineage, profiling, application enhancements, and production issues.
- Built concurrent API test execution using Java multithreading and dynamically managed workspaces; integrated test tooling, Jenkins delivery, and execution-history reporting.
- Implemented Spring Security, REST endpoints, Oracle data access, and responsive dashboards; contributed to JUnit/SOAP testing, code reviews, UAT, and production releases.

EDUCATION

Master of Software Systems | University of St. Thomas, Saint Paul, MN

MS in Computer Networking | University of Bedfordshire, Luton, UK

BTech in Computer Science Engineering | JNTU-affiliated institution, Hyderabad, India