

Suresh Ginjupalli

DATA & INTEGRATION ENGINEER | APPLIED AI

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SUMMARY

Data and integration engineer with approximately three years of experience in AWS pipelines, enterprise integrations and applied AI. Builds reliable workflows and turns cross-system failures into tested improvements.

TECHNICAL SKILLS

Engineering: Python, SQL, JavaScript, FastAPI, REST APIs, GitHub Actions, CI/CD

AWS: Lambda, Step Functions, EventBridge, SQS, DynamoDB, Glue, CDK

Applied AI: Tool integration, context retrieval, model routing, agent guidance, QA execution

EXPERIENCE

Commerce

May 2026 - Present

AWS Cloud Integration Engineer (senior data engineering scope)

- Built AI-assisted engineering workflows connecting enterprise context, reviewed artifacts and QA execution across repositories and business systems.
- Implemented access-aware retrieval, reviewed agent guidance, model routing and run/cost visibility; resolved connector authorization and CI failures.
- Improved cloud pipeline resilience with bounded retries and timeouts; investigated event-delivery issues and validated filtering scenarios in UAT.
- Delivered reconciliation and QA handoffs; supported Segment administration, AWS Control Tower governance and SOX ITGC evidence collection.

TekSyncSoft Inc

Dec 2024 - May 2026

Data Engineer | Client: BigCommerce

- Developed Python and AWS serverless integrations across Salesforce, Marketo, Openprise and billing workflows, with field mappings and business-rule validation.
- Migrated Marketo workflows to Bulk APIs and Smart Lists to address API limits; built CDK infrastructure and resolved synchronization and identity issues.

University of North Texas | Instructional Assistant

Aug 2024 - Dec 2024

- Guided graduate students through software architecture projects and implementation reviews.

LTIMindtree | Software Engineer

Mar 2022 - Dec 2022

- Developed REST APIs and backend services with logging, query optimization and caching.

SELECTED PROJECT

Reliable Event Filtering for Enterprise Integrations

- Built a Python demo with 18 tests and duplicate handling. In a synthetic fixture, 1,100 deliveries produced 300 downstream actions while preserving all 225 meaningful updates. Published code, architecture, results and a runbook.

EDUCATION & CERTIFICATIONS

MS, Computer Science | University of North Texas | 2024 | GPA: 3.82

BTech, Computer Science & Engineering | VVIT | 2021

AWS Certified Solutions Architect - Associate | Valid through Nov 2027

Adobe Certified Professional - Marketo Engage Business Practitioner | Valid through Feb 2027

Openprise Sales Ops Certified; Foundation Certified | Valid through Jun 2027