

Lee Gantt

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EXECUTIVE SUMMARY

Tech Lead with a proven track record of Agile full project lifecycle leadership, stakeholder management, and data systems implementation for Fortune 500 companies. Expert in cloud-native AWS architecture, data engineering, and EV/IoT systems integration. Consistently leads cross-functional teams — developers, data scientists, data engineers, and DevOps — from requirements through delivery. Active Secret Security Clearance (5c).

PROFESSIONAL EXPERIENCE

EPI-USE — Remote | *Mar 2025 – Present*

Project Manager Level 3 — AWS Delivery Lead

AWS Professional Services | Cloud Migration | Database Modernization

- Managed migration of a large document management company from on-premises to AWS using MGN, DMS, S3, and Snowball; served as delivery manager for ongoing MSP engagement with monthly executive Cloud Cost Optimization reviews.
- Led Database Modernization engagement assessing SQL Server-to-Aurora PostgreSQL (Babelfish) feasibility; pitched a two-phase roadmap to client CEO and CIO, advancing 64% cost reduction.
- Managed Azure-to-AWS greenfield migration across multiple client operational units; coordinated AD Connector setup and delivered a custom AWS Workspace Pools front-end.
- Applied Claude AI to synthesize customer discovery interviews for MAP Assess engagements, reducing deck preparation time by ~60% while improving deliverable quality.

Duke Energy — Remote | *Aug 2020 – Apr 2026*

Tech Lead — IoT & Electrification

Nation's Largest Energy Provider

- Led development of a proprietary Charge Management System (CMS) for L2 EV chargers at Optimist Hall; oversaw OCPP protocol customization, cybersecurity penetration testing, and Third-Party Risk Assessment (TPRA) compliance.
- Integrated Duke's Demand Response system using OpenADR to curtail EV charger power during peak demand, directly supporting grid stability across the NC service territory.
- Architected an Analytics Platform for eTransEnergy (non-regulated subsidiary) in AWS — S3, Glacier, Lambda, Lake Formation, Terraform, Aurora Serverless, Power BI — delivering a scalable cloud-native reporting environment.
- Led a data science team to apply ML-based signal disaggregation on residential meter data for EV charging detection, improving accuracy ~30% over the prior heuristic baseline.
- Designed SQL Server database and ETL pipeline for grid models and vehicle telematics, enabling fleet electrification grid impact analysis; authored whitepaper on charging optimization best practices.
- Managed residential EV charging demand response pilot (3 OEMs) using OpenADR; assisted in pilot outcome analysis and regulatory reporting to NC regulators.

U.S. Dept. of Education / Federal Student Aid — Washington, DC | *Sep 2017 – Mar 2020*

Project Manager — Mobile Application Oversight

Third Largest U.S. Government Agency

- Oversaw prime contractor (General Dynamics / GDIT) in delivery of FSA's first mobile FAFSA app on Android and iOS (Angular stack); regularly briefed the FSA COO and ensured 100% of tracked delivery milestones were met on schedule.
- Obtained 5c Secret Security Clearance in connection with this engagement.

Comet Global Consulting (Merkle) — Alpharetta, GA | *2015 – 2017*

Tech Lead — Business Analytics & Reporting

International Consulting Firm Specializing in Real-Time Decisioning

- Designed Teradata analytics database and tuned SQL performance against 100M+ row datasets for Verizon Wireless ROI analysis; delivered champion-challenger and agent performance reporting in Tableau for senior management.

- Built offer optimization model for Frontier Communications from full FIOS customer database — projected 15%+ improvement in customer lifetime value and churn reduction through segmentation analysis.
- Mentored junior developers and analysts, reducing team onboarding ramp time by ~25%.

Strategic Support Systems (3Si) — Alpharetta, GA | 1995 – Present

President / Owner — Solutions Consulting

Privately Held IT Solutions Consulting Firm

- Won 5-year contract to design, implement, host (AWS), and operate a credit card acquisition system with real-time underwriting and fraud detection for a mid-west bank; maintained 99%+ application uptime throughout the engagement.
- Designed and developed a student loan refinance acquisition system for Student Loan Finance Corporation in AWS (SQL Server RDS, EC2), integrating two credit bureaus, DocuSign, and multiple identity/verification vendors.
- Hosted and operated a financial services loan processing application for Aqua Finance in AWS (EC2, RDS, S3) for 10+ years, managing all DevOps, security, and backup retention.

TECHNICAL SKILLS

Cloud & EV/IoT: AWS (S3, EC2, RDS, Lambda, Athena, Bedrock, DMS, MGN, Lake Formation, IAM, VPC) — 10+ Yrs | OCPP | OpenADR | Charge Management Systems | AWS Solutions Architect Associate (2022)

Databases: MS SQL Server / SSIS (10+ Yrs) | PostgreSQL / Aurora | Oracle 11g / Exadata (10+ Yrs) | Teradata (5+ Yrs) | Hadoop / Impala / Sqoop

Data & AI/ML: T-SQL | ETL Design | Performance Tuning | Power BI | Tableau | QlikView | AWS Bedrock | Claude AI | OpenAI | Gemini

Development: C / C++ (10+ Yrs) | Scala / Spark | PowerShell / VBScript (5+ Yrs) | Python / Boto3

PM & Agile: JIRA (Kanban, Scrum) | Miro | Confluence | MS Office | SOW Authoring | Budget Management

EDUCATION

M.S., Electrical Engineering — Georgia Institute of Technology

B.S., Electrical & Computer Engineering — University of South Carolina

CERTIFICATIONS & CLEARANCE

AWS Solutions Architect – Associate (2022) | **Secret Security Clearance / 5c** (Active) | **Commodity Trading Advisor / Series 3** (NFA)