Anthony Akor

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Summary

Self-starter with versatile technical experience and strong communication skills, eager to contribute as a Software Engineer. Passionate about learning and building impactful solutions in collaborative environments.

Technical Skills

JavaScript · Python · C++ · Node.js · React · HTML/CSS · CI/CD · SQL · AWS · Google Cloud · Linux · DevOps · Git

Professional Experience

Strategy & Analytics Extern

Amazon – Remote   Jun 2025 – Present

- Conducted comprehensive workforce data analysis and sentiment analysis on over 1,200+ qualitative feedback records to uncover trends related to employee attrition, engagement, and operational inefficiencies across multiple Amazon Fulfillment Centers.
- Developed segmented cohort profiles using Python-based web scraping, thematic coding, and qualitative data clustering to isolate role-specific challenges and inform targeted interventions.
- Synthesized insights into HR strategy briefs and executive-facing presentations, delivering 4+ data-driven reports that directly contributed to operational improvements and a 12% increase in employee satisfaction across selected pilot teams.
- Collaborated cross-functionally with People Operations and Strategic Planning teams to prioritize 3 key organizational process changes, enhancing frontline workflow efficiency and retention.

Security Systems Specialist

PBF Energy – Los Angeles, CA   Apr 2025 – Present

- Operate and oversee a network of 80+ high-resolution digital surveillance cameras and real-time monitoring systems to maintain safety, compliance, and security throughout a large-scale petroleum refinery facility.
- Log, document, and escalate security events using integrated electronic record systems; liaise with plant security and operations teams to ensure rapid response and accurate incident resolution.
- Partner with IT and Engineering departments to troubleshoot access control failures, communication disruptions, and system faults, resulting in a 15% increase in uptime and 100% audit compliance for three consecutive quarters.
- Ensure full alignment with federal and state refinery security regulations through routine inspections, operational drills, and incident response coordination.

Propulsion Technician

SpaceX – Hawthorne, CA   May 2020 – Aug 2020

- Supported the execution of over 120+ Raptor engine hot-fire tests, managing test cell instrumentation, data acquisition systems, and safety protocols to ensure consistent 98% test success rate under tight development timelines.
- Conducted real-time telemetry monitoring and diagnostics to identify and resolve anomalies in propulsion systems and test rigs, reducing engine downtime by 30% and expediting readiness for flight integration.
- Interpreted complex aerospace engineering schematics, wiring diagrams, and assembly instructions to build and validate propulsion hardware with zero rework on mission-critical final stage components.
- Collaborated with a multidisciplinary team of engineers and technicians, contributing to test planning, hardware setup, and post-test analysis within a fast-paced, high-stakes launch environment.

Projects

Database Management App   github

- Built a real-time inventory tracking web app using React, Firebase, and SQL, featuring secure authentication and a dynamic user interface.
- Automated data workflows with Google Apps Script integrated into Microsoft Excel, improving process efficiency.

Pac-Man Game   github

- Created an interactive browser-based Pac-Man game using JavaScript and enhanced type safety with Rescript.
- Implemented entity management and pathfinding logic using arrays, objects, and queues for responsive gameplay.

Education

B.S. in Information Systems

California State University, Dominguez Hills   May 2024