

SUMMARY

Customer-focused engineer with proven ability to drive product adoption and deliver technical value at scale. Experienced designing automated workflows adopted by international teams, building cloud-native applications capable of serving thousands of users, and translating complex technical capabilities into solutions that solve real customer problems. GCP-certified architect who bridges engineering and customer success to help organizations maximize platform value.

CERTIFICATIONS and TECHNICAL SKILLS

- Google Cloud Platform Professional Cloud Architect (cloud architecture, scalable systems design, enterprise infrastructure)
- Google Cloud Platform Cloud Digital Leader
- Technical Platforms: Python, C++, and Google Cloud Console
- CompTIA A+

SKILLS

Solutions architecture & technical demonstrations • API integrations & enterprise deployments • Executive presentation & enablement program delivery • Customer success & adoption strategies • Cloud-native development (GCP Cloud Run, Docker) • Full-stack development (FastAPI/React) • Python (production applications) • Technical documentation & troubleshooting methodologies • Cross-functional collaboration & stakeholder management

EXPERIENCE

Jacobs

May 2024 - Aug 2024

Client Solutions Consultant, Philadelphia, PA

- Conducted technical discovery sessions with Fortune 500 engineering teams to identify AI/ML integration opportunities and solution requirements
- Built stakeholder relationships and managed change initiatives that were recognized as organizational best practices, demonstrating ability to drive client value and platform expansion
- Built trusted advisor relationships through consultative approach and measurable ROI delivery

STO Building Group

May 2023 - Aug 2023

Systems Engineering Intern, Philadelphia, PA

- Led enterprise solution implementation for personnel tracking optimization; drove company-wide adoption and earned management commendation for measurable operational improvements and cross-office interest

Quantum Optics Enhanced by Machine Learning

Aug 2023 - Dec 2023

Research Assistant, New Orleans, LA

- Collected quantum optics datasets, gaining practical lab experience and contributing to successful project outcomes in experimental physics.

EDUCATION

Tulane University, New Orleans, LA

Class of 2025

Bachelor of Science, Engineering Physics (ABET Accredited), Concentration in Computational Engineering

Strategic, Leadership, and Analytics Minor (SLAM)

- 3.71 GPA, Ranked 2nd in major, Dean's List 6 semesters, Tulane Merit Scholarship, Tau Beta Pi Engineering Honor Society

La Salle College High School, Wyndmoor PA

Class of 2021

PROJECTS

Automated Musical Robots - (Senior Capstone)

Aug 2024 - May 2025

- Led technical troubleshooting and system integration for complex mechatronic instruments, developing structured diagnostic procedures and comprehensive technical documentation
- Diagnosed hardware faults (signal/no-motion, misalignment) and iterated fixes using a structured checklist; documented build & test procedures for teammates

Roamio - AI Powered Quest Generation Platform

June 2025-Present

- Built a full-stack AI platform (FastAPI/React/Docker, Cloud Run) using Claude Code and Codex with GPT-4/DALL-E for dynamic content generation; implemented enterprise features including JWT auth, RBAC, tiered rate limits, and complex prompt engineering workflows; scaled to thousands of users with ~200ms response times

Future Minds of AI

Jan 2024-May 2025

- Cofounded innovative club focused on developing Generative AI applications, in partnership with AI insurance optimization firm. Created industry-judged events showcasing AI models with opportunity to win \$1,000 prize for technological innovation
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