

Samee Rauf

U.S. Citizen

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EXPERIENCE

PMG World Wide, Dallas, Texas

June 2024 - Present

AI Software Engineer

- Engineered a multi-agent workflow automation platform in Go with ADK that converts natural language queries into fully configured, executable workflow automations, saving **5 hours** per week for **1,200 users**
 - Boosted semantic search **accuracy by 20%** by evaluating cosine distance across top-k (10) vector embeddings and augmenting retrieval with vendor-specific keyword search
- Developed a Slack-integrated RAG chatbot using Python, LangChain, and the Confluence API to provide client-team-specific onboarding support in real time, saving **150+ hours** per week across **50 media coordinators**
- Built a Python application integrating with Google Ads Platform API to generate campaign bulk sheets, reducing setup time by **3–5 hours** per ad campaign launch and scaling across **25+ clients**
- Designed a domain-negation application in Python that programmatically excludes unsafe and low-value sites via Bing Ads API across **15+ search accounts**, increasing return on ad spend by **10%**
- Architected an offline conversions uploader in Python for Google & Bing Ads to enhance Data Augmented Bidding for Search Ads, processing **400,000 conversions** daily across Intuit TurboTax & Buildertrend
- Optimized multi-million dollar media budgets for major QSR clients by developing a predictive forecasting tool in Python using weather data, statistical regression, and LangChain for a **~5% lift** in ROAS for **5 media teams**
- Mentored 5 junior engineers on Python best practices, observability, and Agile methodology

The Walt Disney Project, Anaheim, CA

August 2023 - May 2024

AI Software Engineer

- Developed an automated system using the Snoozy Large Language Model within the GPT-4ALL ecosystem to rapidly generate and deploy reliable, audited system configurations, enhancing efficiency and security in system management
- Achieved a **35%** reduction in system configuration management time cost & presented findings to Disney stakeholders

Los Angeles County Project, Fullerton, CA

July 2022 - February 2023

Software Developer CSUF

- Developed a full-stack parking management system using React & Express for LA County, serving **1,000+ users** by implementing custom UIs, server-side CRUD operations through RESTful API endpoints & relational database schema

EDUCATION

California State University Fullerton, Fullerton, CA **GPA: 4.0/4.0**

Graduation Date: May 2024

Major: Bachelor of Science, Computer Science

PROJECTS

Ark (<https://github.com/srauf24/ark> | arkcore.dev)

September 2025 - Present

- Enabling type-safe **REST APIs** by architecting a full-stack server and log management platform using Go (Echo) and React 19 (TypeScript) with OpenAPI contracts and Zod validation backed by PostgreSQL
- Developing a **RAG chatbot architecture** using **AWS Bedrock** and **S3 Vectors** for semantic search, implementing **LLM-as-a-Judge** validation and **LangFuse** tracing to ensure high-accuracy, production-grade outputs.
- Implemented end-to-end observability with **New Relic APM** for distributed tracing, deployed via **GitHub Actions** CI/CD to **AWS EC2** with automated backups

TECHNICAL SKILLS & CERTIFICATIONS

Programming Languages: Python, Go, Java, C++, JavaScript, SQL

Framework and Databases: Node.js, React, TypeScript, Express, SQLite, Firebase, PostgreSQL

Platforms & Tools: WS (S3, Lambda, EC2, ECR), Terraform, Datadog, Linux, Git, GitHub, Docker, CodeArtifact, CI/CD

Certifications: AWS Cloud Practitioner

Methodologies: Agile, REST API Design, Unit/Integration Testing, Observability