

JUDAH GEORGE

SOFTWARE DEVELOPER WITH 4.5+ EXPERIENCE

US CITIZEN | W-2 ELIGIBLE | NO VISA SPONSORSHIP REQUIRED | OPEN TO IMMEDIATE RELOCATION

CONTACT

- +1 (267) 934 4744
- georgejudah5@gmail.com
- <https://github.com/georgejudah>
- Portfolio Website
- <https://www.linkedin.com/in/judah-george-007/>

SKILLS

- Python
- FastAPI, Flask
- React, TailWindCSS, Node.JS, JavaScript and TypeScript
- Data Science
- Agentic AI - LangGraph, N8N, Cursor, GitHub Copilot
- Full-Stack Development
- MYSQL and PostgreSQL
- GoLang
- Elastic Search
- Grafana
- Docker/Containerization
- AWS (EC2, S3)



PROFILE

Innovative **Full-Stack Developer & DevOps Leader** specializing in **automation**, SRE tooling, and **scalable architectures**. **High-ownership** professional recognized for executing with **high velocity** and uncompromising quality, leading cross-functional teams to deliver operationally critical solutions. Expert in **Python (FastAPI)**, **React/TypeScript**, and Agentic AI, focused on bridging the gap between User Experience and business goals. Demonstrated ability to ship production code using AI-native workflows to accelerate development lifecycles.



WORK EXPERIENCE

- Comcast**MAR 2022 - PRESENT
- Full-Stack developer
- Led full-stack development of the Agentic AI Portal using React, TypeScript, and Python (FastAPI) for AI Agent interaction and, streamlining AI agent onboarding by building self service portal used across Reliability and TPX organizations. Drove platform adoption to 500+ monthly users and 7,000+ monthly AI conversations by improving UI/UX and replacing manual integration processes.
 - Implemented automated expiration workflows for an enterprise **SSL monitoring** application tracking **200,000+** certificates, eliminating manual oversight and preventing high-impact service outages through proactive stakeholder alerting.
 - SRE Python Automation initiatives**, including an auto-remediation tool using Python that reconciled **300+** change tickets **daily**, saving the Ops team **15 hours** of manual efforts every week.
 - Built a Python monitoring engine to validate ~60,000 change tickets and identify missed notifications to commercial customers, surfacing the backend analytics to Senior Leadership via Grafana dashboards and most importantly improving residential customer's experience..
 - Took ownership and managed complex internal **Cloud Migrations**, ensuring seamless application connectivity and initial work paving path for the rest of the team to migrate their apps with ease.
 - Developed a **Network Anomaly Detection tool** (Z-Score Model) that accelerated issue identification in routers and firewalls, mitigating outages before user reports, catching issues within 15 mins.

EDUCATION

St Joseph's College of Eng
Bachelor Of Engineering (B.E) in
Electronics and Communication.
Jun 2017-Aug 2021

University of Pennsylvania
Specialization certification in (AI
for Business)

CERTIFICATIONS

- **Comptia Security Plus**
- **UPenn** - AI In business
Specialization
- **Agentic AI** - Udemy
- **Langraph/Langchain** - Udemy
- Cambridge English Certificate
in Business English.

Flextronics

Sep 2021-Dec 2021

IT Trainee (Systems Analyst)

- Part of the Finance Support team supporting more than 300 sites across the globe
- Day to day operations of working with the Internal and Vendor Finance tools such as Bellin, EAM and RMS, Working with Microsoft MySQL Databases modifying and updating the financial records of the company.

Give The World Charity

July-August 2021

Web Developer (Paid Volunteer)

- Designed, Deployed, and Engineered the development of a charity based out of Sweden for aiding children's education and Women empowerment in South Africa.
- Designed, developed and updated multiple number of webpages in various languages using WordPress and used custom styles using CSS which improved the traffic to the website by 20% and meet the goal of receiving 5K USD donations till date. <https://givetheworld.ch/>

SIDE PROJECTS

CheckYourRelationship.com | React 19, FastAPI, LangGraph, pgvector, Gemini 2.5

- Built a privacy-first relationship safety platform featuring a 37-question red flag detector, character assessment, and deal-breaker tool with empowering ~1500 users monthly.
- Architected and implemented an **autonomous AI Agent and RAG** pipeline using **LangGraph** and **pgvector**, using **Gemini 2.5** model to provide safe, hallucination-free coaching and cross-referencing user requests with vectorized community data(reddit) to deliver verified guidance, alongside relatable, real-life experiences.
- Developed a **hybrid memory architecture** combining Redis and **PostgreSQL**(long-term memory) to inject user context into system prompts, enabling highly contextual conversational for better UX.

Autonomous AI Coding Agent | Python, LangGraph, OpenRouter, Supabase, GitHub API

- Designed and built a fully autonomous coding agent (LangGraph + DeepSeek LLM) that reads Jira-style tickets and ships GitHub PRs with zero human intervention.
- Leveraged Cursor and Claude Code to accelerate feature development, writing 60% of boilerplate and integration tests via agent-led workflows, reducing iteration time by 40%.
- Implemented an Aider-style repo map using Universal Ctags, enabling the agent to select correct files by matching symbol names to task descriptions rather than standard keyword scoring.
- Engineered a Search/Replace patch format with new-file creation support, per-file JSON serialization, and git workspace cleanup, eliminating the corrupt-patch failure class entirely.
- Exposed the agent as both a CLI tool and a REST API via FastAPI, successfully shipping 100+ autonomous PRs across production apps (SEO improvements, mobile UX fixes, new React components).