Ilgiz Satkynov

Bay Area, CA · satkynovilgiz2008@gmail.com · github.com/satkynovilgiz · linkedin.com/in/ilgizsatkynov

EDUCATION

De Anza College — Cupertino, CA
Mathematics & Computer Science studies | Expected May 2027

TECHNICAL SKILLS

Languages: Python, C++, C#, Java, JavaScript, TypeScript, SQL

Frameworks: React, React Native, Expo, Next.js, .NET, FastAPI, PyTorch, LlamaIndex

Cloud / Tools / Databases: Google Cloud, Azure, Terraform, Docker, Kubernetes (GKE), GitHub Actions, PostgreSQL, MongoDB

EXPERIENCE

xAI — AI Tutor (Grok), Contract — Sep 2026–Present

- Develop Kyrgyz-language prompts and evaluate Grok's accuracy, fluency, and cultural understanding.

WilderGo — iOS Software Engineer, Contract — Aug 2026–Present

- Develop React Native features; resolve Xcode, CocoaPods, Metro bundler, and Expo Router issues.

De Anza College — Instructor Teaching Assistant, Part-time — Apr 2026–Present

- Teach and tutor 25–30+ students in Python, debugging, and core programming concepts.

Microsoft — Software Engineer Intern — Apr 2026–Aug 2026

- Developed RESTful API endpoints in C#/.NET for an internal Azure resource-management service.
- Built a real-time telemetry and anomaly-detection microservice, plus observability dashboards and automated CI/CD load tests.

Google — Cloud Infrastructure Intern — Nov 2025–Feb 2026

- Automated Google Cloud infrastructure with Terraform; containerized microservices with Docker for GKE.
- Configured networking, firewall rules, autoscaling, monitoring, and logging for reliable workloads.

Extern / Outamation — AI and Automation Extern — Sep 2025–Nov 2025

- Built Python document-processing workflows (NLP, OCR, PyMuPDF) and a LlamaIndex RAG search over mortgage documents.

Geeks Pro — Frontend Developer Intern — Apr 2024–Nov 2024

- Built React web applications; contributed to a KyrgyzAeroNavigatsia client site and received an official commendation.

SELECTED PROJECTS

STEM Explorer | React, TypeScript, Three.js, React Three Fiber — github.com/satkynovilgiz/stem-explorer

- Interactive science-learning workspace with 3D models, labs, and calculators across five subjects.

Inquiry | Next.js, TypeScript — github.com/satkynovilgiz/Inquiry

- Question-and-discussion frontend with topic discovery, search, and a validated browser-local data layer.