Evode MANIRAHARI

Rohnert Park, CA |manirahari@sonoma.edu| in evode-manirahari| 🌐EvodeManirahari| ⭘evodemanirahari

EDUCATION

Sonoma State University   **Rohnert Park, CA**
BS in Computer Science   *Expected Graduation: May 2027*
Relevant Coursework: Data Structure,Software Design, Databases,Programming & Algorithms I&II
(Java/C++), Computer Architecture, Calculus 1&2, Discrete Math, Algorithms Analysis

TECHNICAL SKILLS

Languages: Python, Java, C++, JavaScript/TypeScript, SQL, HTML/CSS
Frameworks/Libraries: FastAPI, Spring Boot, React, Next.js, Django
Cloud & Data: AWS, GCP, Docker, PostgreSQL, MongoDB, Snowflake, Kafka
ML/AI: PyTorch, TensorFlow, NumPy, Pandas, OpenCV, LangChain, LlamaIndex, FAISS, Pinecone
DevOps/Other: Git/GitHub, CI/CD, Redis, Weights & Biases, OpenAI API, Google Gemini

WORK EXPERIENCE

Mendocino College   **Ukiah, CA**
IT Support & Software Developer   *Jan 2024 – Jun 2025*
- Built and maintained software to analyze spectroscopic data from the CAMS spectrograph, supporting teams at SETI Institute and NASA.
- Optimized the analysis workflow, reducing processing time by **~95%** and increasing dataset throughput.
- Supported 27 faculty and **500+ students;** triaged incidents and coordinated with campus IT to restore services quickly.

Reality AI Labs   **Remote**
AI Engineer Intern   *Apr 2024 – Sep 2024*
- Built **ReX**, an AI career coach using **OpenAI** + **Google Gemini** to deliver personalized coaching and job-search support.
- Implemented adaptive ML that tailored guidance to learner goals/progress, boosting coaching throughput by **40%**.
- Shipped **RAG** over resumes, job posts, and course content (**LangChain/LlamaIndex** +**FAISS/Pinecone**) to ground answers.
- Designed an eval harness with **unit tests** + A/**B testing** and **Weights & Biases** tracking to validate improvements before rollout, instrumented telemetry for quality and latency.
- Productionized **FastAPI** services with **Redis** caching, **Docker**, and **GCP/AWS**; monitored reliability and p95 latency under load.

Web3 Labs   **San Francisco, CA**
Software Engineer Intern   *Feb 2024 – Jun 2024*
- Engineered backend services with Java/Spring Boot/Hibernate, reducing manual data handling by **80%**.
- Integrated **Kafka** for high-speed pipelines (**~40%** faster transfers) and deployed **Snowflake** on **Azure** to cut query latency ~**25%**.
- Improved reliability and scalability across cloud-ready, enterprise services.

PROJECT EXPERIENCE

FunHealth — Kundwahealth   **Kigali, Rwanda**
Lead Developer   *Oct 2024 - Present*
- Built a board-game quiz and sexual & reproductive health and rights (SRHR) service finder; increased engagement by 40% and retention by 25%.
- **Winner,** Hanga Pitch Fest '24 ($15k).

UC Berkeley – AI Hackathon   **Berkeley, CA**
Hacker   *Jun 2025*
- Built a real-time **GPT-4** multi-agent social-engineering simulator (**FastAPI/WebSocket** + **Three.js; 9** scenarios).
- Dockerized microservices (**PostgreSQL**) enabling hot-swapping from mock to enterprise LLMs; shipped analytics for parsing, vuln detection, and auto security reports.

CodeQuest Jr. — Gamified Python learning for kids   **Rohnert Park, CA**
Developer   *Aug 2025*
- Architected a React+TS SPA (~25 components) with Pyodide web workers; Vite bundle ~0.5 MB.
- Shipped 25 levels (drag-and-drop + hidden autograder + staged hints), Canvas/Web Audio, progress saves, and educator analytics; deployed on Vercel with GitHub Actions CI.