

Krishna Balaji

+1 (480) 234-1166 | krishna311004@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Arizona State University

B.S. in Computer Science (Hons), Minor in Business, GPA 4.00/4.00, Dean's List x6

Tempe, AZ

Expected May 2026

EXPERIENCE

Machine Learning Engineer Intern

May 2025 – Aug 2025

Quantiphi

Mumbai, India

- Built **Python pipelines** to clean, validate, and map outputs to a structured schema, reducing manual correction by **80%**.
- Engineered and fine-tuned **LLM prompts** to extract structured data from insurance claim documents.

AI/ML Intern

Jul 2024 – Aug 2024

Nexus Info

Coimbatore, India

- Built conversational **AI chatbots** with contextual understanding for admissions queries.
- Designed and deployed a Disease Prediction System using **logistic regression** and **random forests**, achieving **93%+ accuracy**.

Software Engineering Fellow

Jul 2024 – Aug 2024

Headstarter AI

Long Island City, NY

- Developed and deployed Pantry Tracker using **Next.js**, **Firebase**, **OpenAI** with CI/CD on Vercel.
- Launched a personal analytics-integrated website with custom domain using **HTML/CSS** and Google Analytics.

PROJECTS

AI-Powered Job Matcher | *FastAPI, React, OpenAI* | [GitHub](#) | [Live Demo](#)

Aug 2025 – Sep 2025

- Built a **FastAPI** service to parse resumes in PDF and DOCX formats and compute match scores using **TF-IDF cosine similarity**, documented with **OpenAPI**.
- Shipped a responsive **React** frontend with switchable **LLM suggestions** including TF-IDF, Sentence-Transformers, and OpenAI, and secured the backend with Docker CI.

Pennywise AI | *Next.js, TypeScript, Plaid API* | [GitHub](#) | [Live Demo](#)

Aug 2025 – Sep 2025

- Engineered a fintech app with **Plaid API** to ingest transactions, compute KPIs such as burn rate, runway, and spend, and render interactive dashboards.
- Implemented secure **Plaid Link** with encrypted token storage, automated syncing, and **AI insights** backed by **pgvector** retrieval.

Charity Donation Manager | *SwiftUI, SwiftData, Places API* | [GitHub](#)

Jan 2025 – Feb 2025

- Built an offline-first **iOS** app using **SwiftData** to discover charities, save favorites, and record donations.
- Integrated the **Google Places API** and **CoreLocation** for location-aware discovery and added a validated test payment flow.

LEADERSHIP AND AWARDS

Devils Invent Hackathon

Sep 2023

3rd Place Winner

Tempe, AZ

- Placed **Top 3** among 40+ teams with an AR-powered Venture Devils solution using Adobe Aero and Snapchat Lens Studio.

Secretary

Apr 2023 – Present

CodeDevils

Tempe, AZ

- Directed workflows for 200+ members by managing records, publishing minutes, and ensuring compliance with ASU policies.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, Swift, C++, C, SQL, HTML/CSS, R, MATLAB

Frameworks/Tools: Flask, Next.js, Firebase, SwiftUI, Hugging Face, Vercel, Render, MVVM, Bootstrap, CI/CD

ML/NLP: GPT-4, LLMs, Prompt Engineering, DistilBERT, NLP, PyTorch, Scikit-learn, Jupyter Notebooks

Cloud/DevOps: Git, Docker, AWS, GCP, Google Analytics, Lens Studio, Adobe Aero