

# Rabin Kalikote

Denver, CO | 986-837-5352 | SWE.Rabin@gmail.com | github.com/Rabin-Kalikote | linkedin.com/KalikoteRabin

## Experiences

### Software Engineer Intern - JR Simplot Company, Boise, ID

May 2025 - Dec 2025

- Boosted data pipeline reliability and speed by architecting Azure Durable Function to orchestrate real-time data flow from AWS to Azure, streamlining critical JSON ingestion for enterprise-wide analytics.
- Eliminated critical data leakage and enhanced app responsiveness for 1,000+ USA users by leading migration of legacy React components to TanStack framework, resulting in reduced server load.

### Software Engineer Intern - St. Luke's Health System, Boise, ID

Feb 2025 - May 2025

- Developed a prototype full-stack internal pharmacy application using .NET MVC (C#) and ReactJS, integrating an experimental AI model for predicting future prescriptions based on patient symptoms.
- Facilitated cross-functional coordination across clinical and technical teams to gather user requirements, validate AI model output, and support development in a multi-department agile environment.

### Software Development Intern - WSP USA Inc, Denver, CO

June 2023 - Aug 2023

- Improved 3D model rendering speed by 8% by engineering a prototype web app using ReactJS and .NET, integrating the Autodesk Forge API to enable seamless browser-based visualization.
- Strengthened app security by implementing Microsoft Azure Active Directory (Azure AD) SSO, ensuring restricted, authenticated access for authorized company employees only.

## Projects

### Ask Matrab - Online Learning Platform

[Open App ↗](#)

- Founded and scaled a social learning platform for Nepali students to 60,000 monthly visits and 10,000 active users within the first year by architecting a full-stack Ruby on Rails application on AWS/Heroku.
- Cultivated a collaborative ecosystem of 400+ student creators by establishing a community-driven content model that automated peer-to-peer academic resource verification and sharing.
- Migrating from a Ruby on Rails MVC to a distributed edge architecture using React, Hono, and Cloudflare Workers.

### AI Search - AI Powered RAG Search Engine

[View Design ↗](#)

- Reduced search latency 5x by engineering a Retrieval-Augmented Generation (RAG) search pipeline combining Google Custom Search Engine (CSE) and Gemini 1.5 Flash to deliver AI-synthesized summaries for asked queries.
- Optimized system latency and API cost efficiency by leveraging high-throughput LLM endpoints (1,500 daily requests) to maintain near-zero operational overhead for 'Ask Matrab' search features.

### Club Events - Events Calendar Platform

[Open App ↗](#)

- Built and deployed a full-stack calendar web app to Cloudflare Pages serving 1,100 College of Idaho students, enabling campus clubs to publish events and students to discover upcoming activities.
- Engineered a club-event verification system and admin workflow for Student Senate, enabling the student government to review, manage, and verify the authenticity of all campus event postings.

## Education

### The College of Idaho

Caldwell, ID

BA Computer Science; Minor in Mathematics, Data Science, Theatre, and Psychology

Aug 2022 - May 2026

Honors: Magna Cum Laude | 5x Dean's List | Gipson Honors Scholar | Most Impactful 'Vote'

Extracurriculars: President, Coding Club | Hall Director, Residence Life | 4x Course Assistant | Senator, Student Government

## Skills / Relevant Tech

**Programming:** Python (advanced), Ruby, R, JavaScript, Typescript, C++, C#, SQL, HTML / CSS

**Frameworks:** React, Ruby on Rails, .NET MVC, Express, FastAPI, Flask, jQuery, Bootstrap, Tailwind

**Platforms:** Github, Azure DevOps, AWS, Cloudflare, Heroku, Google Antigravity, Github Copilot, Claude Code

**AI and ML:** Linear & Logistic Regression, Classification, Decision Trees, Predictive Modeling, LLMops, RAG

**Soft Skills:** Coding without AI, Agile Methodologies, Technical Documentation, Problem-Solving, Video Production