SADIT RASAILI

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📍 Suryabinaek, Bhaktapur

🐙 https://github.com/Rasaili-rain

EDUCATION

KATHMANDU UNIVERSITY
Dhulikehel, Kavre
Bachelors in Computer Engineering
2023-2027

KHWOPA HSS
Dekocha, Bhaktapur
+2
2021-2022

SKILLS

Programming: Python, Dart (Flutter), C++, Rust, C, TypeScript

Development: Full-stack apps, REST APIs, Flutter apps

Machine Learning: Image recognition, search models

Other: Problem solving, teamwork, communication

PROFILE

Computer Engineering student passionate about software development, full-stack systems, and applied machine learning. Experienced in building end-to-end projects from backend APIs in Rust and Python to frontend/mobile apps in Flutter and Dart. Strong foundation in algorithms, data structures, and interactive systems.

PROJECTS

IMGREP
Full-stack image search engine with a Python backend, Dart frontend, and a custom ML model for image recognition.
Tech: Python, Dart (Flutter), Machine Learning

LOBIC
Real-time music streaming and chat platform with synchronous lobby features, built with a Rust backend for safety and concurrency.
Tech: Rust, WebSockets, Typescript, React

KUVENT
Social platform for clubs to notify students of upcoming events and manage registrations.
Tech: C++, Qt, httplib

HAJIR_F
Mobile attendance tracking app for students and classrooms.
Tech: Dart, Flutter

DODGERS (HACKATHON PROJECT)
Video call application built during a hackathon using WebRTC for peer-to-peer communication, with Express + MongoDB backend and React frontend.
Tech: WebRTC, Express.js, MongoDB, React