

PRIYANSHU DANGARE

hi@aspiz.uk | github.com/aspizu | aspiz.uk

EXPERIENCE

Software Engineer

June 2026 – Present

Ente

- Shipped product features for Ente Photos through 80+ merged contributions across mobile, web, and backend services.
- Built Memory Lane experiences that turn personal photo libraries into stories and timelines, helping users rediscover meaningful moments.
- Delivered device-trash and recovery features, making photo deletion reversible and giving users more control over their libraries.
- Engineered lossless JPEG rotation and flipping through EXIF orientation updates, preserving image data and camera metadata without recompression.
- Expanded photo casting with a unified experience for connecting and managing multiple devices.

PROJECTS

goboscript | *Rust, Python, TypeScript*

2022 – Present

[GitHub](#) | [Documentation](#) | [IDE](#)

- Grew goboscript to 500+ GitHub stars, creating an open-source language and developer ecosystem for Scratch.
- Accelerated compilation by porting goboscript's initial Python prototype to Rust.
- Built the goboscript IDE and VS Code extension, giving developers a complete environment to build and run Scratch projects from code.
- Created backpack, a package manager that resolves dependency version constraints and enables reusable libraries across goboscript projects.
- Built an MCP server and orchestrated agent swarms to port standard-library features from mainstream programming languages into goboscript.
- Implemented modern cryptographic primitives in Scratch and reduced generated code size by exploiting Scratch VM implementation quirks.

ACHIEVEMENTS

FOSS Hack 2025 Winner

2025

Awarded ₹50,000 for goboscript at FOSS United's open-source hackathon, which received 795 project submissions.

Open Source Contributions

Merged pull requests into open-source projects from [Microsoft](#), [Meta](#), [Cloudflare](#), [OpenAI](#), and [Anthropic](#).

TECHNICAL SKILLS

Languages: Rust, Python, TypeScript, Dart, Go, SQL

Technologies: Flutter, React, Gin

Databases: PostgreSQL, SQLite

Tools & Workflows: GitHub Actions, Codex/Claude Code, Agent Swarms, Software Factory