

# Hridaya Pradhan

✉ hridaya.pradhan123@gmail.com    📞 +977-9843696019    📍 Kathmandu, Nepal  
🌐 linkedin.com/in/hridaya-pradhan-a7a792245    🐙 github.com/Re-Dei

## Professional Summary

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Full-stack developer experienced in building scalable web applications and AI-powered products across healthcare, fintech, automation, and productivity. Focused on performance, clean architecture, reliable delivery, and AI-assisted engineering workflows.

## Technical Skills

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**Languages:** TypeScript, SQL, HTML, CSS, Python

**Frontend:** React, Next.js, React Native, Expo, CDN

**Backend:** Node.js, GraphQL, REST APIs, Sockets, ORM, CMS

**Databases:** PostgreSQL, MySQL, MongoDB, Firebase, Redis

**Tools:** Git, GitHub, Docker, AWS, Vercel, Sentry, Linux

## Experience

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### Full-Stack Engineer

Jul 2025 – Present

### Full-Stack Engineer Intern

Apr 2025 – Jul 2025

reAlpha Tech Corp (NASDAQ: AIRE)

Hybrid

- Redesigned Turnit's AI agent using the **Vercel AI SDK**, expanded tool-calling capabilities, eliminated edge-case failures, and integrated **OCR-based document extraction**, reducing **Landrum AI latency by 30%** based on Sentry performance data.
- Led frontend development for a Loan Officer AI agent that analyzes mortgage documents, detects anomalies, and generates recommendations, increasing **application processing efficiency by 2.5×** in internal testing.
- Collaborated with reAlpha's conversion team to build the **Estimate Your Rebate** experience, increasing **lead generation by approximately 40%** based on Mixpanel and internal analytics.
- Collaborated with founders to launch Srinivasam.org, a platform connecting orphanages, donors, and volunteers across Nepal and India, helping generate **more than \$3,000 in donations during its first month**.

### Full-Stack Developer, Freelance

Aug 2025 – Present

Revivelle

Remote, Part-time

- Led development of a **scalable cancer-care platform** that delivers educational content, enables patients to track symptoms and treatment data, and supports exporting health records for review by medical professionals, while using **Payload CMS** to let non-technical administrators manage content and workflows without developer involvement.
- Owned the **end-to-end development lifecycle** with one other engineer, translating requirements from non-technical stakeholders into technical plans, prioritizing features, designing the architecture, and coordinating implementation through production.

### Full-Stack Engineer Intern

Apr 2025 – Jul 2025

Medbot

Remote, Part-time

- Built a **near real-time speech-to-note workflow** using **OpenAI Whisper-1** and LangGraph, with embedding-based autocomplete and a context-aware chatbot that answered questions from the active clinical note.
- Enabled **FHIR-compliant clinical workflows** and developed a research assistant that searched **Medline and PubMed** for relevant papers based on clinical topics.

Frontend Engineer

Wizad.ai

Jun 2024 – Apr 2025

Remote, Part-time

- Revamped the company website with interactive animations and performance optimizations, increasing the **Lighthouse performance score from 68 to 90+** while improving SEO and user experience.
- Built a **customer prioritization tool** for support teams to identify paying and high-potential users, contributing to an increase in the **Play Store rating from 4.2 to 4.9**.
- Developed an **internal design toolkit for AI-compatible poster layouts**, streamlining the design workflow and reducing repetitive layout work.

Projects

Trek Diaries

Team Lead & Full-Stack Developer

Jan 2023 – Jun 2024

- Led a **team of four** to build a social platform for trekkers featuring route updates, community content, and a custom recommendation system developed with **Python, Pandas, and Flask**.
- Developed web and mobile applications using **TypeScript, Next.js, Expo, PostgreSQL, Redis, Drizzle ORM, Algolia, and Cloudinary**.

Web GitHub | Mobile GitHub | Live Demo

Battleship

Team Lead & Full-Stack Developer

Jan 2022 – Jun 2022

- Led a team of four to build a **real-time multiplayer** version of Battleship using **React, Node.js, Socket.IO, and MongoDB**.

GitHub | Live Demo

Education

Bachelor of Engineering in Computer Engineering

Kathmandu University, Nepal

Aug 2025

CGPA: 3.75/4.00