HARMEE PATEL

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SUMMARY

Software developer with full-stack experience at AllEvents and projects spanning web, mobile and desktop applications. Recent work includes business invoicing software, hotel workflow automation, an offline music player and photography tools.

TECHNICAL SKILLS

Languages Go, Rust, JavaScript, TypeScript, Python, PHP, Dart

Web React, Node.js, Templ, HTML, CSS, Tailwind CSS, Three.js

Mobile & Desktop Flutter, Dioxus

Database & Tools PostgreSQL, Git, Docker, Linux/Unix, Figma, Affinity

WORK EXPERIENCE

Web Developer | **Wechitra Creative House** **May 2026 - Jul 2026**

- Built and delivered the studio's website using Go, templ and JavaScript, combining categorized project galleries, video content and a Three.js hero element.
- Created a build and deployment pipeline using Bun bundling, minification and Brotli compression, publishing the site to GitHub Pages with a custom domain.
- Diagnosed video playback failures by checking encoding and playback behavior, traced the cause to Git LFS pointer files, and restored delivery by removing videos from LFS.

Independent Developer | **Voucha** **Feb 2025 - Mar 2025**

- Built and delivered a Rust/Dioxus desktop application for The Superior Inn Hotel and Conference Centre in Thunder Bay, Canada, translating a manual voucher-preparation workflow into a software tool.
- Converted guest CSV exports from the hotel's property management system into printable meal vouchers, connecting an existing data source to the hotel's printing workflow.
- Designed layouts fitting 16 vouchers per sheet, accounting for front-to-back alignment in double-sided printing.

Full-Stack Developer | **AllEvents** **Sept 2020 - Dec 2020**

- Developed ticket booking features and host dashboard notifications using PHP and jQuery, working across backend functionality and user-facing interfaces.
- Took pricing and event-publishing pages from Figma designs to implementation, connecting interface design with the platform's existing functionality.
- Reduced API response payload sizes across multiple backend services and implemented event search and recommendations based on user interests.

PROJECTS

AE | **Invoice Management Application**

- Ported a Go/templ invoicing tool to Rust/Dioxus, adapting server-based functionality to a reactive desktop interface with SQLite persistence.
- Implemented dependent field validation, discounts and GST calculations, invoice previews and PDF export.

Kosh | **Offline Music Player**

- Built offline playback in Flutter/Dart with local audio discovery, artwork, queues and background controls, sharing state across mini and full-screen players using ValueNotifier.
- Replaced a third-party UI package with Flutter's drawing, animation and blur APIs, and resolved a compositing issue through widget-tree changes.

Cull | **Photo Organizer**

- Built a Rust/Dioxus desktop app that reads EXIF capture dates and sorts photos into year/month/day folders, with copy and move modes.
- Added drag-and-drop, progress feedback and a JSON-backed history of the 16 most recently used folders.

EDUCATION

Master's in Computer Science | **Lakehead University** **2021 - 2023**
Bachelor's in Computer Engineering | **LDRP Institute of Technology and Research** **2016 - 2020**