Matias Lapolla

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Skills

Languages: HTML, CSS, Javascript, Typescript, PHP, SQL
Frameworks/Libraries: React, NextJS, Redux, Laravel, React Native, Express
Spoken Languages: Spanish (native), English (2nd language)

Experience

Full Stack Developer at — 2024 – Today
- Contributed to the development of a full-stack travel platform, enabling seamless booking, data processing, and user management.
- **Frontend & Backend Development:**
  - Integrated OpenAI GPT API for OCR and data extraction from uploaded travel documents.
  - Designed and implemented session expiration, OTP authentication, and access policy layers based on roles and organizations.
  - Built external service providers integrations using Saloon and external APIs.
  - Developed various UI components and standardized layouts.
  - Developed end-to-end test coverage with Playwright, Storybook + MSW and unit tests in both TypeScript and PHP.
  - Created a scalable, module-based frontend architecture using Next.js, Redux, and Tailwind (Mantine/Shadcn).

Full Stack Developer at — 2021 – 2024
- Contributed to the development of a scalable multi-tenant platform for political organizations, focused on CRM, data sync, and real-time user tracking.
- **Frontend & Backend Development:**
  - Built and maintained a CRM dashboard with Next.js, MUI, and Redux, supporting thousands of concurrent users.
  - Developed a cross-platform session control module with Pusher integration.
  - Built backend API functionalities that integrated with the Next.js client and Expo using Laravel.
  - Implemented a hybrid approach combining Onion Architecture and Domain-Driven Design for the backend.
  - Integrated Pusher into the backend repository and implemented a platform-wide role-based access control layer.
  - Developed a centralized Express.js API gateway microservice for core application authentication using Node.js, Express.js, Knex, and an SQL database.
- **Mobile Development:**
  - Worked on an Expo-based React Native application for online and offline data collection.
  - Implemented server-side sync, client-side sync, multi-device sync, and live app updates.
  - Implemented location tracking, unusual user activity detection, and session management.

Graphic Designer & UI/UX Designer at — 2020 – 2021
- **UX/UI & Web Design:**
  - Delivered mobile-first UX/UI designs and marketing assets for web apps and social campaigns, using Adobe tools and Figma

Education

UNICEN - National University of the Center of the Province of Buenos Aires - Computer Applications Development 2020-2022
IPAT - Tandil Art Teaching Institute - Graphic Design and Visual Communication 2018-2020