

Pranish Chaulagain

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Educational Background

BSc (Hons) in Computing ↗ 2023 – 2026

Islington College, London Metropolitan University

+2 Management with Computer Science ↗ 2021 - 2023

Kathmandu Model College, National Examination Board

Work Experience

Android Developer Intern [E-sewa ↗](#)

June 2026 - Present

- Followed Android development roadmap covering **Java, Kotlin, XML Views, Jetpack Compose** and **Firebase**.
- Implemented UI screens from Figma designs using both traditional **XML layouts** and **Jetpack Compose**.
- Built an prototype e-Commerce application following **MVVM** architecture with custom Material components.
- Built REST APIs in **ASP.NET** backend and consumed them with **Retrofit** using asynchronous programming with **Kotlin coroutines**.
- Integrated **Esewa** and **Khalti** android Sdks in Test Environment for handling online payments.

Junior Frontend Developer [Resto Brain.ai ↗](#)

April 2026 - Present

- Developed and maintained scalable and reusable UI architecture with **React + TypeScript** components for a data-driven dashboard for improving efficiency of client's business workflows.
- Eliminated redundant API calls across the dashboard using **TanStack Query caching and state management**.
- Built robust and complex forms with **React Hook Form + Zod**, enforcing validation before sending data to the API
- Collaborated with backend team to refine API contracts. improving frontend-backend integration.
- Wrote **Component** and **E2E tests** using **Cypress**, covering UI components and dashboard flows.

Frontend Developer Intern [Resto Brain.ai ↗](#)

September 2025 - January 2026

- Recreated Home Pages from Figma using **Typescript** and **React** learning about UI / UX fundamentals.
- Integrated REST APIs using **Tanstack Query** and worked on frontend application workflows.
- Contributed to production level Dashboard pages and components using **React Hook Form, React** and **Typescript**.

Technical Skills

Languages: TypeScript, Kotlin, C#, Java, Python

Frontend: React, Next.js, Tanstack Start, Blazor

Backend: Node.js, ASP.NET Core, FastAPI

Mobile: Jetpack Compose, XML Views, Retrofit

Databases: PostgreSQL, MySQL, MongoDB

Cloud and Tools: Firebase, Supabase, Vercel, Cloudflare,

Google Cloud Run, AWS, Docker

Personal Projects

TapWholeSale AI Nepal → [Next.js](#), [FastAPI](#), [Vercel](#), [Google Cloud Run](#), [Supabase](#) ↗

- Built and deployed a wholesale e-commerce **PWA** for Nepali apparel businesses using **Next.js** and **FastAPI**.
- Implemented **Supabase RLS** policies and **RPC queries** for secure and efficient data storage and access.
- Built personalized recommendation system through **TF-IDF + SVD** for improving user engagement and UX.
- Built a sales forecasting pipeline with **LightGBM**, enabling data-driven decisions for the admin wholesaler.
- Achieved Lighthouse scores of **90+** through **SSR, PPR**, and **RSC**, reducing load times and improving web vitals.

Quizex - Quiz Management Application → [MERN Stack](#) ↗

- Developed a quiz platform with **MERN** stack for classroom based quiz tests and workflows.
- Implemented secure authentication through **refresh token rotation**, reducing security risks.
- Implemented controlled access through **RBAC** enabling admin-only actions.

Custom Home Page (Chromium) → [React](#), [Tailwind CSS](#) ↗

- Developed a customizable homepage UI with **React, Tailwind CSS** for improving personal productivity.
- Implemented persistent shortcuts, through **localStorage**, enabling personalized user control.
- Integrated personalized widgets (weather, time, search bar) for enhanced personal productivity.

Academic Projects

Nep-Auto - Vehicle Rental and Parts Supplier System → [C# ASP.NET, Tanstack Start, PostgreSQL](#) ↗

- Built a full-stack Inventory Management System using **ASP.NET** and **PostgreSQL**.
- Integrated secure auth through **Http-only cookie based JWT + RBAC** reducing vulnerabilities.
- Structured the application using **Layered (N-Tier) Architecture** with Controllers, Services, and DTOs for clean separation of concerns.
- Integrated **QuestPDF** for Sales Invoices and Report Generation.
- Used **Entity Framework Core** and **Dependency Injection** with interface-based design for scalable, maintainable data access and business logic.

My Journal - Journaling App → [C#.NET MAUI Blazor Hybrid, SQLite](#) ↗

- Built cross-platform journaling application using **.NET MAUI Blazor Hybrid** running natively on all OS for enabling multi-platform usage.
- Implemented encrypted **SQLite** storage with password hashing for secure local data management.
- Integrated rich-text editing functionality using **QuillJS** for enhanced user experience.

Certifications

AWS Academy Graduate - Cloud Foundations *AWS, 2024* ↗

AWS Academy Graduate - Machine Learning Foundations *AWS, 2024* ↗

FullStack Development with Javascript, React and Node.js *Islington College, 2025* ↗

Data Structures and Algorithms *Islington College, 2025* ↗