



# Rajendra Pandey

Software Engineer, mobile and full stack

✉ rajendrapandey199971@gmail.com

☎ +977 9813566214

📍 Mulpani, Kathmandu, Nepal

🌐 rajendrapandey.info.np

🌐 linkedin.com/in/rajendrappaandey

🐙 github.com/rajendra7169

## — Profile

Software engineer at Matrika Technology in Kathmandu, building the Android and iOS apps, React web apps and C#/.NET back ends of an IRD-certified jewellery billing and management platform for Nepali jewellers. Creator and maintainer of Blazify, a free, open-source music player shipped natively on Android, iPhone, Windows and Linux. At home across the whole stack, from mobile interfaces to Linux servers, Supabase, Cloudflare and Firebase.

## — Experience

### Matrika Technology Pvt. Ltd. Kathmandu

#### ● Software Engineer

May 2025 – Present

Develop J-Jewellery's mobile app for Android and iOS in Flutter, with Firebase for sign-in, push notifications, Crashlytics, Remote Config and App Check.

Build the C# and ASP.NET Core back end: REST APIs on Entity Framework Core and SQL Server, JWT authentication, scheduled jobs and Windows services.

Build React web apps, and a serverless admin panel on Cloudflare Workers and Pages that sends push notifications to the app's users.

Work on a Flutter and Supabase marketplace app, and deploy and run services on Linux servers, Supabase, Cloudflare and Firebase.

#### ○ Software Engineering Intern

Feb 2025 – May 2025

Contributed features and fixes across the J-Jewellery mobile app, web app and .NET back end, and was taken on as a software engineer after the internship.

### Blazify, open source Remote

#### ● Creator and Maintainer

Jul 2026 – Present

Build and release a free music player for Android, iPhone, Linux and Windows, and run its Listen Together server in Go.

### Yarsa Games Nepal

#### ● Game Developer Intern

May 2024 – Aug 2024

Built small game projects in Unity and C++, and learned the basics of 3D modelling in Blender for game assets.

## — Skills

### Languages

Kotlin, Swift, Dart, C#, TypeScript, JavaScript, Python, Go, Java, PHP, C, C++

### Mobile

Android, Jetpack Compose, iOS, SwiftUI, Flutter

### Web & back end

React, Node.js, Express, ASP.NET Core, Entity Framework, Electron, REST, WebSockets

### Cloud & data

Firebase, Supabase, Cloudflare, Docker, Linux servers, SQL Server, PostgreSQL, SQLite, MongoDB

### Design & media

Figma, Photoshop, Canva, DaVinci Resolve, Blender (basics), Unity

## — Works on

Linux, macOS, Windows

## — Speaks

Nepali, English, Hindi

## — Personal projects

### **NexTerm** AI-powered terminal and code editor for Windows

PowerShell, CMD, Git Bash and WSL in tabs and split panes, SSH profiles with an SFTP browser, an AI panel that can read the terminal, local ghost-text autocomplete and a coder mode with git and language servers. 19 themes; no accounts or telemetry.

*Electron, React, Node.js, SQLite, Monaco*

### **Jarvis** Always-on voice assistant for Linux

Wakes to “hey Jarvis” and replies in about 200 ms with most of the speech stack on the laptop. 137 skills, from apps, volume, Wi-Fi and Bluetooth to reading the screen, email, WhatsApp and code, behind a confidence gate that asks before risky actions. 722 tests.

*Python, ONNX Runtime, Electron, Three.js*

### **Fitevo** Local-first AI fitness and nutrition tracker

Log a meal by typing, speaking or taking a photo and AI works out the calories and macros. Builds workout routines, logs every set, spots personal records and has a coach to ask. 57k lines of Dart.

*Flutter, Dart, Firebase, Gemini*

### **Tally** Gamified attendance for small teams and schools

Check-in and check-out with an optional GPS check and admin approvals; every present day grows a tree in the team's living forest, which follows the real time of day and season.

*React, Vite, Three.js, Firebase, Capacitor*

## — Education

### **BSc in Information Technology**

2021 – 2024

Sunway International Business School, Kathmandu

Final-year project: a laundry recommendation web app on the MERN stack.

### **+2 in Business Studies**

2015 – 2017

St. Lawrence College, Kathmandu