

# Amrutm Ingredient – React Frontend (Vite)

A React + Vite frontend for managing ingredients and a clinic-style dashboard. It includes authentication, a dashboard with sidebar navigation, ingredient CRUD flows, profile management (with image upload and validation), and informational pages (doctors, patients, appointments, specialties, coupons, concerns, referrals, customization, wallet, refund).

## Key Features

- **Authentication:** `LogIn` flow ( / )
- **Dashboard:** Sidebar + header layout with quick stats
- **Ingredients:**
  - List view: `IngredientTable` with search/filter
  - Add form: `IngredientForm` with stepper and validations
  - Detail view: `IngredientOverview` page
- **Profile Management:**
  - Profile view ( /profile )
  - `ProfileEdit` with picture upload, personal/address fields, validation, responsive layout ( /profile-edit )
- **Additional Pages:** Doctors, Patients, Appointments, Specialties, Coupons, Concerns, Referral, Customization, Wallet, Refund
- **Responsive UI** with an emerald/green design system and Bootstrap utilities

## Tech Stack

- **Framework:** React 19 + Vite 7
- **Routing:** react-router-dom 7
- **UI/UX:** Bootstrap 5, motion (animations), lucide-react (icons)
- **Linting:** ESLint 9

## Getting Started

### Prerequisites

- Node.js 18+ and npm

### Installation

```
npm install
```

### Development

```
npm run dev
```

Starts Vite dev server with HMR. Open the printed local URL in your browser.

### Build

```
npm run build
```

Outputs a production build to `dist/`.

## Preview

```
npm run preview
```

Serves the production build locally.

## Lint

```
npm run lint
```

## Project Structure

```
amrutm-ingredient/
├─ index.html
├─ package.json
├─ vite.config.js
├─ src/
│   ├─ main.jsx          # React root
│   ├─ App.jsx           # Routes
│   ├─ index.css         # Global styles
│   ├─ components/
│   │   ├─ Sidebar.jsx
│   │   ├─ Header.jsx
│   │   ├─ Dashboard.jsx
│   │   ├─ IngredientForm.jsx
│   │   ├─ IngredientTable.jsx
│   │   ├─ ProgressStepper.jsx
│   │   ├─ Profile.jsx
│   │   └─ ProfileEdit.jsx
│   ├─ pages/
│   │   ├─ loginPage.jsx    # route: /
│   │   ├─ dashboardPage.jsx # /dashboard
│   │   ├─ ingredientList.jsx # /ingredients
│   │   ├─ addIngredient.jsx # /add-ingredient
│   │   ├─ ingredientOverview.jsx # /ingredients/:id
│   │   ├─ profilePage.jsx   # /profile
│   │   ├─ profileEditPage.jsx # /profile-edit
│   │   ├─ doctorsPage.jsx   # /doctors
│   │   ├─ patientsPage.jsx  # /patients
│   │   ├─ appointmentsPage.jsx # /appointments
│   │   ├─ specialtiesPage.jsx # /specialties
│   │   ├─ couponsPage.jsx   # /coupons
│   │   ├─ concernsPage.jsx  # /concerns
│   │   ├─ referralPage.jsx  # /referral
│   │   ├─ customizationPage.jsx # /customization
│   │   ├─ walletPage.jsx    # /wallet
│   │   └─ refundPage.jsx    # /refund
│   └─ styles/              # Component-specific CSS (e.g., ProfileEdit.css)
└─ public/
```

## Routing

Routes are defined in `src/App.jsx` using `react-router-dom` :

```
<Routes>
  <Route path="/" element={<LoginPage />} />
  <Route path="/dashboard" element={<DashboardPage />} />
  <Route path="/ingredients" element={<IngredientList />} />
  <Route path="/add-ingredient" element={<AddIngredient />} />
  <Route path="/profile" element={<ProfilePage />} />
  <Route path="/profile-edit" element={<ProfileEditPage />} />
  <Route path="/ingredients/:id" element={<IngredientOverviewPage />} />
  <Route path="/doctors" element={<DoctorsPage />} />
  <Route path="/patients" element={<PatientsPage />} />
  <Route path="/appointments" element={<AppointmentsPage />} />
  <Route path="/specialties" element={<SpecialtiesPage />} />
  <Route path="/coupons" element={<CouponsPage />} />
  <Route path="/concerns" element={<ConcernsPage />} />
  <Route path="/referral" element={<ReferralPage />} />
  <Route path="/customization" element={<CustomizationPage />} />
  <Route path="/wallet" element={<WalletPage />} />
  <Route path="/refund" element={<RefundPage />} />
</Routes>
```

## Styling

- Global styles: `src/index.css`
- Component styles: `src/styles/` (e.g., `ProfileEdit.css`) using an emerald green theme
- Bootstrap utility classes where helpful

## Notable Components

- `IngredientForm.jsx` : Multi-step form with validations and a `ProgressStepper`
- `IngredientTable.jsx` : List with actions (view/edit)
- `ProfileEdit.jsx` : Image upload + preview, email validation, responsive grid
- `Dashboard.jsx` , `Sidebar.jsx` , `Header.jsx` : Shell and navigation

## Scripts (package.json)

- `dev` : Vite dev server
- `build` : Production build
- `preview` : Preview built app
- `lint` : ESLint

## Environment & Configuration

- No external API keys required by default. If you add APIs, prefer environment variables via Vite (`import.meta.env`).

## License

Private / internal project. Add a license if needed.