WEBSITE - PLATEFORME

Note partagée concernant les informations et avancées des recherches pour le système.
Design:
Nom du Site: Linky
Logo: -
Références: https://www.omedo.co/

Développement et fonctionnalités:
Recherche de Pharmacies:
- Localité
  - Par Canton
  - Par Zone Géographique
  - Auto Detection (Navigateur)
- Logiciel
- Expérience

Calendrier

Profile d'utilisateur

Système de Notifications

Système de messagerie

Gestion des contrats / employés / companies

Market Analysis

Interim Pharmacy Positions in Switzerland

Interim Pharmacy Positions by Canton

Switzerland roughly 21 per 100,000 people

in Switzerland.

Galenica 374 outlets across the country

Other major players include Phoenix Pharma Switzerland, with its brands BENU and Pharmapost

Analysis of data from these and other major pharmacy chains, as well as cantonal pharmacy associations, did not yield specific data on the number of interim pharmacy positions available in each canton.

Region Recruitment Trend	
Zurich	+40%
Northwestern Switzerland	+36%
Central Plateau	+32%
Lake Geneva	+31%
Central Switzerland	+30%
Eastern Switzerland (including Graubünden)	+21%

[10] While this data doesn't specifically address interim pharmacy positions, it suggests a generally favorable job market in these regions, which could potentially extend to interim pharmacy roles.

Companies Offering Interim Positions

Several companies in Switzerland offer interim positions for pharmacists to address various needs within the pharmaceutical industry. These needs extend beyond traditional dispensing roles to encompass diverse areas such as clinical data management, drugstore management, pharmaceutical consulting, and specialized technical positions[14]. Some of the key players in the interim pharmacy staffing market include:

- **Swiss Interim Management:** This company specializes in providing interim management solutions across various industries, including pharma. They offer experienced professionals who can temporarily fill management and specialized roles within pharmaceutical companies.

- **jobs.ch:** As Switzerland's largest online job board, jobs.ch features a variety of positions in the chemical, pharma, and biotechnology sectors, including pharmacy and drug stores. While not exclusively focused on interim positions, they do offer temporary and contract-based roles.
- **Michael Page:** This recruitment agency specializes in various sectors, including the pharmaceutical industry. They offer both permanent and interim positions for a range of roles, including scientists, quality auditors, and BD&L specialists.
- **Jobscout24:** This platform lists numerous positions in the pharma sector in Lucerne and surrounding regions. They offer a mix of permanent and temporary positions, including roles in quality assurance, pharmacy assistance, and regulatory affairs.
- **Proclinical:** This staffing agency focuses on the life sciences sector and partners with global and Swiss pharmaceutical companies. They offer a range of positions, including temporary and contract-based roles, with a dedicated team in Basel.

BUSINESS PLAN

LOCK IN IDEAS:
Warning message when pharmacist creates an account that any transaction of personal not following the rules can revoke the rights of the pharmacy to access the service

Cost Estimates:

For 100 Users:
• Google Cloud Functions: 0.-
• Firestore Database: 0.-
• Firebase Auth: 0.-
• Firebase Storage: 0.-
• Networking (Bandwidth): 0.-
• Google Calendar API: 0.-
• Hébergement / Domaine: 10.-

Estimated Total: 10.- to 20.-/month + Stripe fees (frais paiements)

For 1,000 Users:
• Google Cloud Functions: 10-15.-
• Firestore Database: 10-20.-

- Firebase Auth: 0.-
- Firebase Storage: 0.-
- Networking (Bandwidth): 10.-
- Google Calendar API: 0.-
- Hébergement / Domaine: 10.-

Estimated Total: 40.- 60.- /month + Stripe fees

For 10,000 Users:
- Google Cloud Functions: 60-80.-
- Firestore Database: 100-150.-
- Firebase Auth: 0.-
- Firebase Storage: 5.-
- Networking (Bandwidth): 50.- 70.-
- Google Calendar API: 0.- 10.-
- Hébergement / Domaine: 10.-

Estimated Total: 200.- 300.- /month + Stripe fees

Meeting 18.11.2024

Autorisation de pratique même sans fph si fph en cours ok pour remplacement pharmacien

49heures maximum (100% -> 7h par semaine)

l'employeur ne peut pas interdir un pharmacien de travailler dans une pharmacie concurrente

Dans tous les cantons plus ou moins la même chose

<u>Comment attirer les pharmaciens?</u>

Passer par pharmafocus pour envoyer un mot aux pharmaciens.

Créer des annonces -> Pourrait commencer mi décembre pour proposer des offres d'emploisdx

WILLIAM - informations liées au site (fullstack details)

Nathan:

(Postgres) N-points construct them on the backend (server) and expose them via https + call them via https in react

Cloud agnostick – binstock api / process tout server based

Startup:

Stack Overview:

1. Cloud Provider:
o AWS

2. Database:
o AWS RDS for PostGresSQL
o Firebase Storage if need for another media database depending on files to be shared (and size)

3. Front-End:
o React.js (including i18n) + React Redux +Query + Firestore
o Tailwind CSS
o Google Calendar API

4. Back-End:
o Django + Rest + Firebase
o Authentification via Firebase Authentication
o Stripe (for payments)
o Redis for caching frequently accessed data
o Rate Limiting tool for quotas on API use

5. Monitoring & Maintenance
o AWS
o GitHub Actions
o Database Backups (PostGres + Firestore)
o Firebase Crashlytics

6. AI Utilities (Possibilities for future development):
o Google AI Platform or AutoML for AI-driven matching and automation.

Security:

1. General Application Security (Authentication & Authorization):
o Firebase Authentication with OAuth (e.g., Google, Facebook) or Email/Password authentication mechanisms.
o Role-based Access Control (RBAC)
o Multi-factor Authentication (MFA)

Data Encryption:

1. HTTPS + SSL (GCP)
2. API keys (Firebase Config)

Paiement Security:

1. Stripe (PCI-DSS Level 1 certified provider) - Client-side Tokenization
2. Strong Customer Authentication (SCA – PSD2)
3. Webhook Security + Rate Limiting (DDOS) - Firebase App Check and Google Cloud Armor

Documents Storage:

1. General Application Security (Authentication & Authorization):
o Firebase based storage
o End to end encryption Swiss law + GDPR
2. Access Logs and Monitoring for documents access

Federal Act on Data Protection (FADP) / GDPR (Switzerland / Europe):

1. General Application Security (Authentication & Authorization):
o Data Minimization
o Right to Access + Erase
o User Data Processing Agreements (Firebase + Stripe)

Cost Estimates:

For 100 Users:
• Google Cloud Functions: 0.-
• Firestore Database: 0.-
• Firebase Auth: 0.-
• Firebase Storage: 0.-
• Networking (Bandwidth): 0.-
• Google Calendar API: 0.-

Estimated Total: 0.- to 10.-/month + Stripe fees

For 1,000 Users:
• Google Cloud Functions: 10-15.-
• Firestore Database: 10-20.-
• Firebase Auth: 0.-
• Firebase Storage: 0.-
• Networking (Bandwidth): 10.-
• Google Calendar API: 0.-

Estimated Total: 30.- 45.- /month + Stripe fees

For 10,000 Users:
• Google Cloud Functions: 60-80.-
• Firestore Database: 100-150.-
• Firebase Auth: 0.-
• Firebase Storage: 5.-
• Networking (Bandwidth): 50.- 70.-
• Google Calendar API: 0.- 10.-

Estimated Total: 200.- 300.- /month + Stripe fees

Website Functionalities:

1. Homepage
o Purpose / Overview
o Log In / Sign In
o End to end encryption Swiss law + GDPR
o Links to 'About', Search, Support sections

2. About
o Page information
o Quotes form users – might be front page

3. User Registration and Login
o Sign up / Registration
o Firebase Authentication + OAuth social login

4. Dashboard (For both Pharmacists and Employers)

5. Help Center
o FAQs
o Contact Form

6. Terms of Service & Privacy Policy
o Data privacy
o Security
o Legal protection

• Pharmacists:

o Overview of profile + completeness
o Availability calendar
o Job offers section
o Current applications status (pending, interview scheduled, filled, hired, currently working) + link to HR documents
o Notifications section (new job opportunities and update in appliocation process)
o Messenging section

• Employers:

o Post and manage job openings
o Availabilities calendar
o Candidate search tool with filters (availability, location, skills).
o View applications and schedule interviews
o Notifications on pharmacist applications or matches – Future implementation could include sms
o Messenging section
Development Timeline

1. Phase 1: Planning & Initial Setup (1-2 weeks)

o Define the MVP (core features)
o Set up Firebase, Google Cloud, Google Calendar API

2. Phase 2: Front-End Development (4-6 weeks)

o UI /Front End dev React.js + Tailwind CSS
o Firebase Authentication

3. Phase 3: Back-End Development (4-6 weeks)

o Firebase Firestore database + Cloud Functions
o GraphQL + Apollo Server (queries + data)
o Build job search + real-time syncing

4. Phase 4: Payment Integration & Notifications (2-3 weeks)

o Integrate Stripe
o Implement notifications (email/SMS) + messaging

5. Phase 5: Final Testing & Launch Prep (2-3 weeks)

o Testing + bug fixing

6. Phase 6: Launch (1 week)
o Deployment - Firebase Hosting or Google Cloud Check pricing

Total Estimated Time: 13-20 weeks (3-5 months)

Could later integrate a rating system, AI tools

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From Antoine: Directcare
Coraline: Pharmacie Plus
Django REST Framework (DRF) for API development

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Discussion 26.10.24:

commencé surotut avec Omedo + Interim online

Pharmacienne cantonale:

FPD -> Comment ils peuvent remplacer des pharmaciens?

Pharmacien sans FPH -> ne peuvent pas remplacer des pharmaciens
authorisations

FPH en cours + date d'inscription
Nom du logiciel
Experience du pharmacien
Zone geographique: Canton, localization precise + perimetre km

Calendrier
Utilisateurs profiles
Systeme de Notifications

Reflechir au HR problems
Structure de l'entreprise

BASES LEGALES

Note partagée concernant les bases légales d'emploi de pharmaciens en Suisse et par
Canton.

Vaud:

📕 Untitled Attachment

https://www.kmu.admin.ch/kmu/en/home/concrete-know-how/personnel/employment-
law/employment/recruitment.html

Application for a license

Any company that wishes to offer private employment and temporary recruitment on a
regular basis and for remuneration must apply in writing for a cantonal license to the

authority of the canton in which it is established.

In case of cross-border activities, a federal license is required in addition to the cantonal license. Once issued, the license is valid for an unlimited period and allows companies to offer the services in all of Switzerland.

A branch that does not have its seat in the same canton as the parent company must obtain a license specific to the canton in which it is operating.

When private employment is carried out via the Internet, and if the company only targets native job seekers, only a cantonal license is required.

Conditions to be met for obtaining the license

To be granted the license, a company:

- Must be registered in the trade register;
- Must have suitable commercial space;
- Must not engage in other professional activities which may conflict with the interests of the employer or job seekers;
- Must be headed by a person of Swiss nationality or possessing a residence permit (except for EU/EFTA nationals) and who has a good reputation and a certificate of completion of apprenticeship or equivalent training and can attest to several years of professional experience in the field of private placement and labor leasing services.