



VPL Biennale
Mapping Pathways to Employment

Ulrich Scharf

Founder & Managing Director
u.scharf@skilllab.io

Our tool in the wider context (CEDEFOP)

Skill identification as microservice

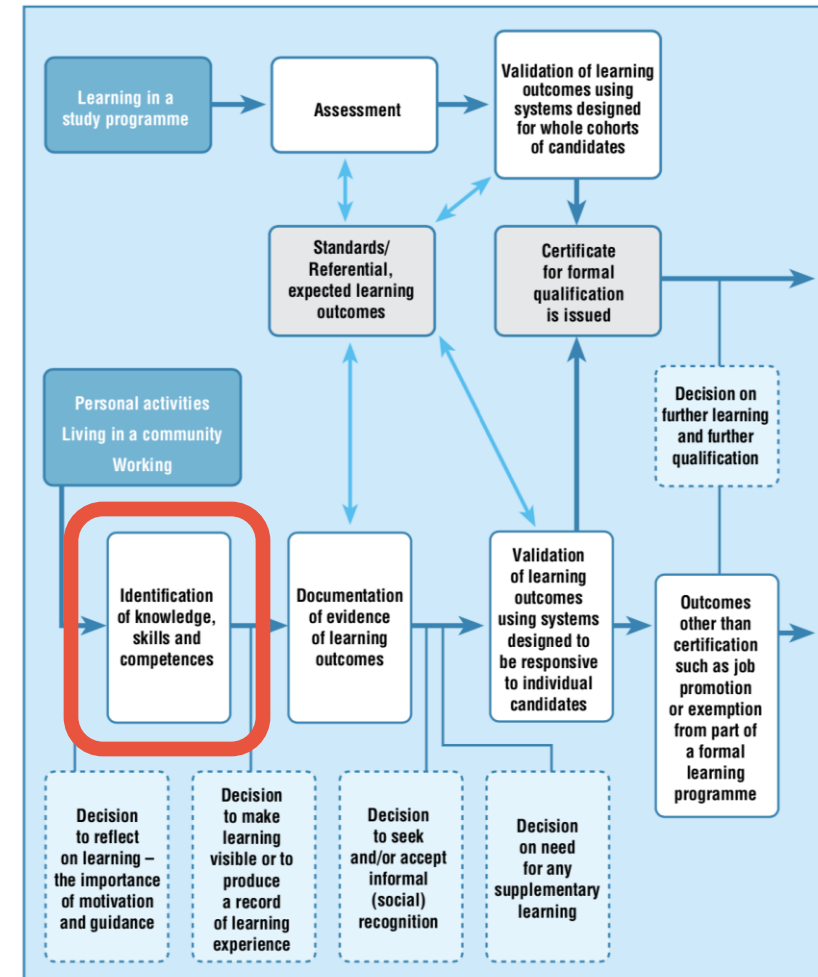
Skill Identification

Identify skills acquired in various contexts:

- Formal education, training
- At home
- During work
- Voluntary activities

Outcomes:

Discovery and increased awareness of own capabilities

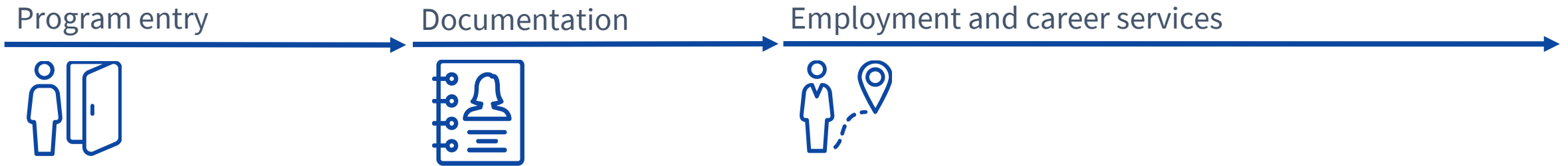


Mapping Skills

Using AI to
interview job
seekers and map
their skills



The need

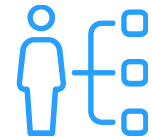


Successfully placing refugees and asylum seekers into jobs is a key priority for municipal employment and career services.

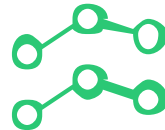
Positive outcomes



Financial independence and increased well-being of refugees and asylum seekers



Enabling further integration of refugees and asylum seekers into society

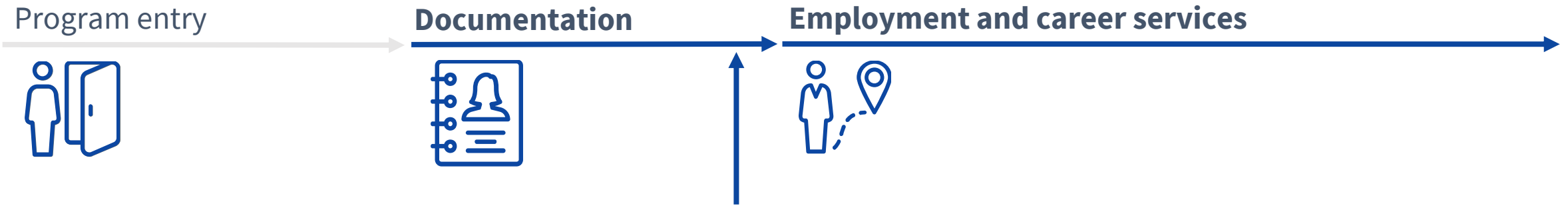


Decreased **municipal spending** on social welfare and unemployment benefits

The challenge



Our solution



A skill assessment mobile app to develop skill profiles for job seekers fast and in any language.



Key features



Job seekers use mobile app in **native language** and results get automatically translated



Independently performed skill assessment, using a **database of 13,485 skills**



Skill-based matching to 2,942 occupations in the European labour market



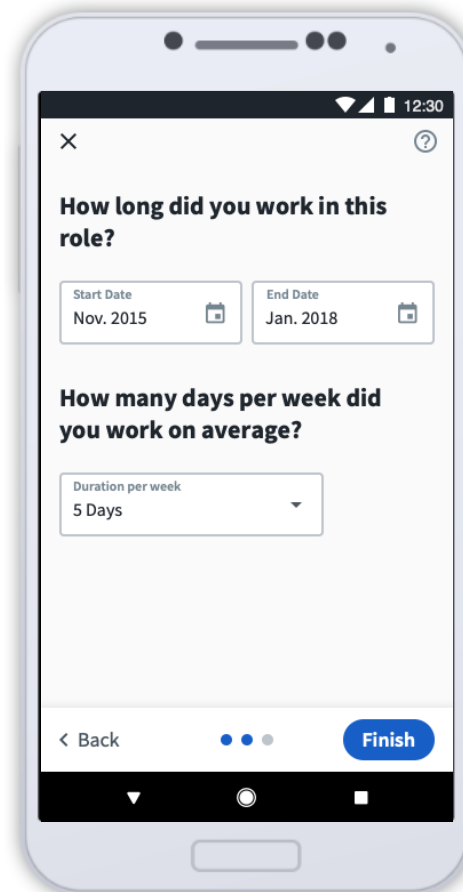
Culturally and sector specific **resume templates** to export results

Mobile application: On-boarding

As a first step, job seekers register to perform the skill assessment

Invitation

- 1 Career advisors invite job seekers by email
- 2 Job seekers install app or register online for skill assessment.
- 3 Job seekers register and provide personal information for resume



Intuitive workflow

The mobile app is designed for ease of use and allows job seekers to develop their skill profile independently and on their own device

Mobile application: Timeline

Job seekers build a timeline of all their jobs, education and other experiences

Timeline

Job seekers add all relevant experiences

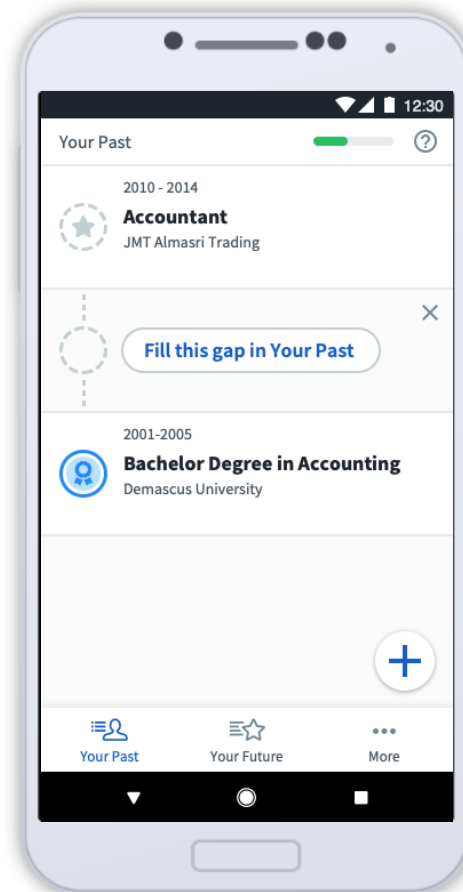
Jobs



Education



Other

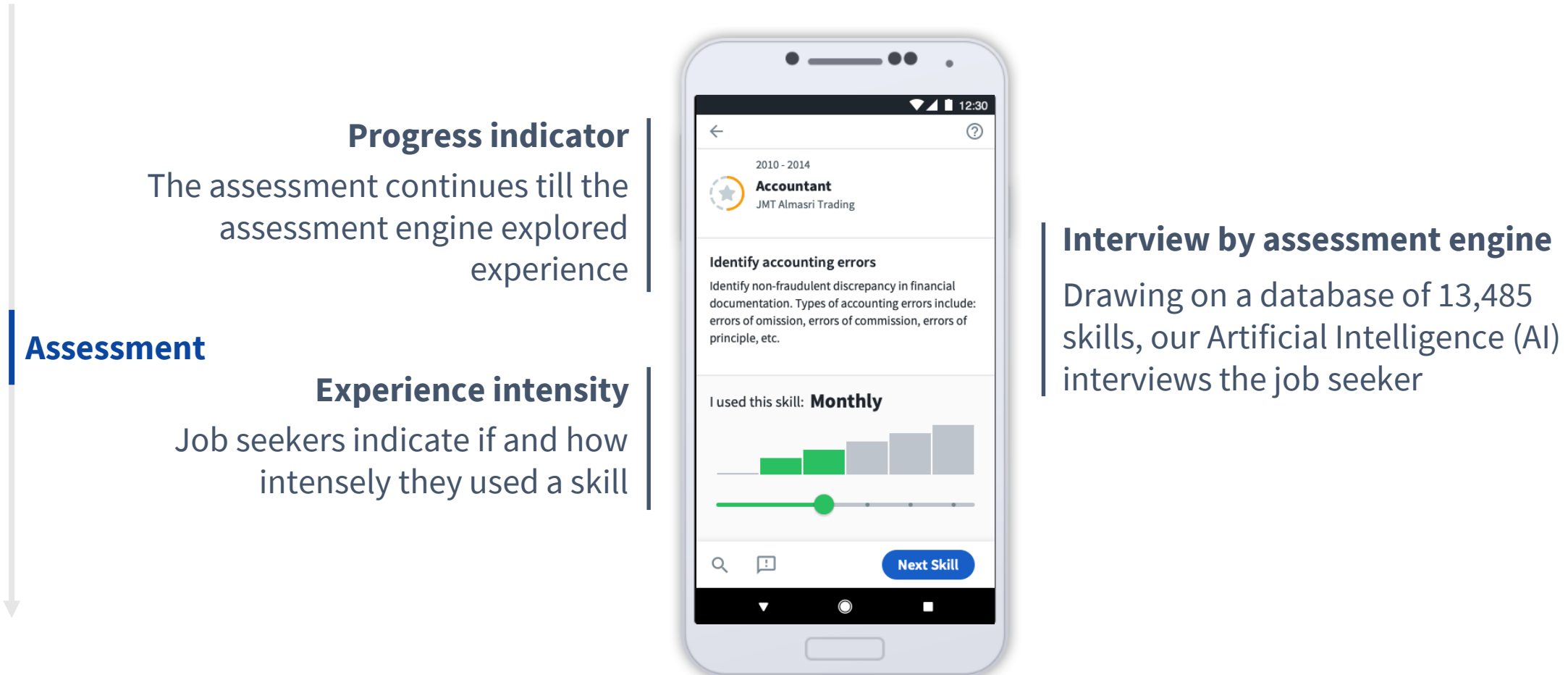


Guidance to complete timeline

Messages guide the user to file all relevant experiences

Mobile application: Skill assessment

Job seekers perform a skill assessment for every experience on their timeline



Skill profile: Resume

A visually appealing overview of all experiences and the main skills acquired during those

Automatic generation

Job seekers choose a design template and export their resume as PDF document in any of the 27 European languages

Explore Results

Azza Elhayek

Education

- **Diploma nutrition science**
United States
December 2009 - December 2010
- **Computer Engineering**
Palestine, State of
December 2002 - December 2007
- **Secondary School**
Palestine, State of
December 2001 - December 2002

Professional Experience

- **Senior Monitoring and accountability Assistant**
Food and Agriculture Organization FAO

Top skills

 Palestine, State of
January 2018 - May 2018

 statistics; project management; apply statistical analysis techniques; execute analytical mathematical calculations; mathematics; write research proposals; perform scientific research; forecast human population trends; scientific research methodology; write scientific papers.
- **Information Management Assistant**
Food and Agriculture Organization FAO

Top skills

 Palestine, State of
February 2014 - December 2017

 identify statistical patterns; manage database; interpret current data; data quality assessment; write work-related reports; plan research process; use a computer; opinion poll; build predictive models; demography.
- **Food security and livelihood Officer Assistant**
Action Contre la Faim ACF

Top skills

 Palestine, State of
February 2013 - February 2014

 accept own accountability; listen actively; statistics; apply person-centered care; communicate professionally with colleagues in other fields; deliver social services in diverse cultural communities; contribute to protecting individuals from harm; apply statistical analysis techniques; execute analytical mathematical calculations; report on social development.

Informal Activities

- **Peer Helper**

Top skills

 Palestine, State of
October 2014 - May 2018

 apply quality standards in social services; communicate with target community; communicate with beneficiaries; show confidence; create risk reports; promote inclusion; develop a coaching style; advise on social service process; develop educational activities.
- **Emergency focal point**

Top skills

 Palestine, State of
February 2014 - May 2018

 record survey measurements; quality standards; handle data samples; use different communication channels; SABRO; information structure; manage data; define data quality criteria; utilize regular expressions; assess transport risks.
- **Nutritionist**

Top skills

 Palestine, State of
January 2012 - December 2012

 discuss weight loss plan; support individuals on nutrition changes; prepare lesson content; perform nutrition analysis; identify the health benefits of nutritional changes; nutritional adequacy of food intake; nutrition; food allergies; mathematics; use technical drawing software.

I Have **110 Skills**
and **64 Knowledge**

CONTACT DETAILS

PERSONAL INFORMATION

LANGUAGES	
English	B2
Speaking	★★★★★
Reading	★★★★★
Writing	★★★★★
العربية (Arabic)	Native
Speaking	★★★★★
Reading	★★★★★
Writing	★★★★★
Nederlands (Dutch)	B1
Speaking	★★★★★
Reading	★★★★★
Writing	★★★★★

HOBBIES AND INTERESTS

VOLUNTEER WORK

READING • COACHING

BASKETBALL

DANCE • TRAVEL

COOKING

MUSIC • GARDENING

YOGA

Skil|lab Document generated by Skil|lab

© 2018 Skil|lab B.V.

Application-ready resume

Listing all experiences and skills, job seekers can include this document in any application

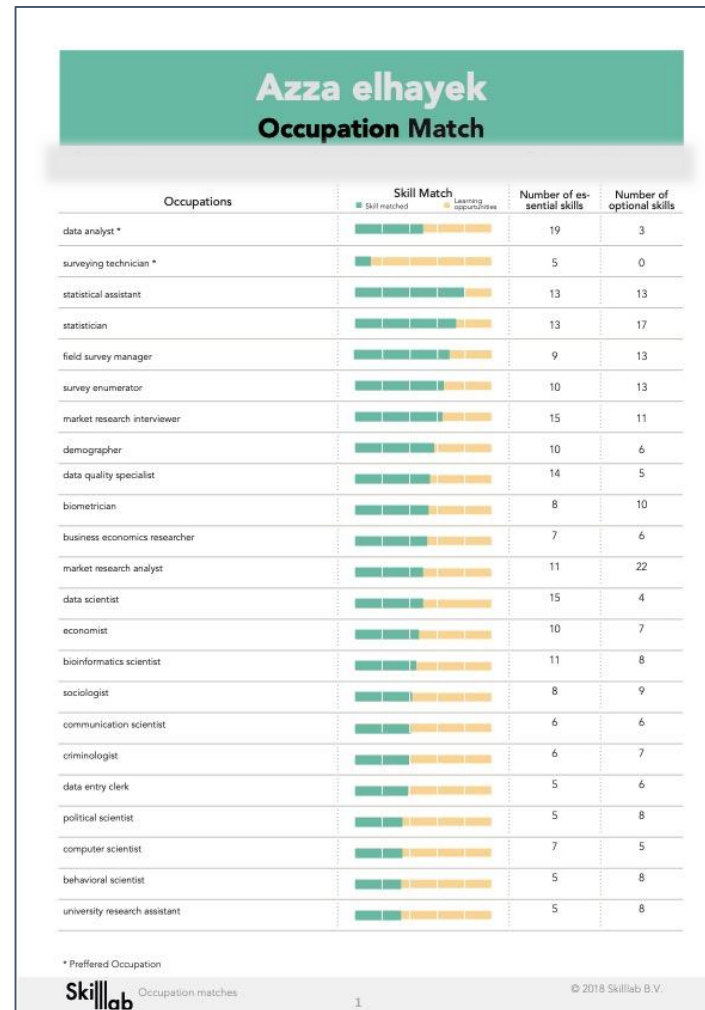
Skill profile: Occupation overview

A ranked list of occupations to which a job seeker's skills match best

Skill-based matching

Based on their skill assessments, job seekers are matched to 2,942 occupations. All occupations are ranked by their skill match, and show any learning opportunities

Explore Results



Orientation in the labour market

An ideal foundation for career advisors to propose new employment opportunities and educational pathways

A detailed analysis of how a job seeker's skill set matches to a specific occupation

At one glance, career advisors see all the skills a job seeker holds or needs to learn to pursue a specific occupation

12



Career advisors get an ideal foundation to propose new employment opportunities and educational pathways

Benefits for employment and career advisors

Skilllab's service improves the effectiveness and efficiency of employment and career services



Process efficiency

More time for personalised career advice, as job seekers use app autonomously before consultation meeting.



Automatic translation

View Skill Profiles in their languages and avoid translation services.



Better outcomes

Access all Skill Profiles at any time in the Admin Portal and achieve a higher success rate in job placement.

Pilots performed

Skilllab already successfully performed pilots with cities and organisations across Europe





Contact us

- 1 Get to know us
- 2 Discuss your situation
- 3 Book an online product demo
- 4 Schedule an on-site pilot

www.Skilllab.io
info@Skilllab.io