

INTERNAL MOBILE PRODUCT CASE STUDY

Mobile Career Companion

A mobile-first career companion for job discovery, resume services, payments and candidate workflows.

Simplify Job Search was developed as an AI-powered job application and hiring platform that helps candidates prepare stronger applications and manage their job search more intelligently. The mobile app was created as the candidate-side mobile extension of the platform, giving job seekers access to core Simplify Job Search workflows directly from their phones.

Project classification: This internal Beyond Boundrys product module is part of the Simplify Job Search platform.



INDUSTRY HRTech & Mobile Applications	CLIENT TYPE Internal product - Simplify Job Search	PROJECT STAGE Internal product
EVIDENCE Pilot-observed	DELIVERY SCOPE Mobile app, AI services, payments and candidate experience	

Mobile access to the candidate workflow The mobile application extends the candidate workflow beyond the desktop web experience.	A smoother onboarding and preference journey Onboarding, job preferences and resume setup are organised into one mobile journey.	AI resume services available on the go Candidates can access resume analysis, generation and cover-letter tools from the app.
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Who needed the solution

Simplify Job Search was developed as an AI-powered job application and hiring platform that helps candidates prepare stronger applications and manage their job search more intelligently. The mobile app was created as the candidate-side mobile extension of the platform, giving job seekers access to core Simplify Job Search workflows directly from their phones. The mobile app focuses only on the candidate experience. It does not provide recruiter-side administration, job-posting management, or hiring dashboard features.

What needed to change

The candidate job search journey is increasingly mobile, but many career tools still depend heavily on desktop interfaces, manual resume handling, and fragmented workflows.

Candidates discovered jobs on mobile but needed desktop tools to continue

Candidates often discover jobs on mobile but cannot easily complete resume analysis, AI document generation, or application workflows from the same device.

Authentication and onboarding required several steps

The app needed persistent session handling so candidates do not repeatedly log in or repeat onboarding steps.

Resume services were not consistently available on the go

AI services require payment, credit usage, and usage history visibility so candidates can understand and control their spending.

Job preferences and application activity needed one view

Job application flows may include recruiter screening questions, and candidates need an easy way to answer them from the app.

Payments had to work inside the mobile journey

The mobile system had to connect reliably with existing Simplify Job Search backend APIs without duplicating business logic inside the app.

03 / WORKFLOW TRANSFORMATION

Before and after

Previous workflow

- Candidates discovered jobs on mobile but needed desktop tools to continue
- Authentication and onboarding required several steps
- Resume services were not consistently available on the go
- Job preferences and application activity needed one view
- Payments had to work inside the mobile journey

Structured workflow

- Authenticate and onboard candidates
- Capture job preferences
- Manage job discovery and activity
- Deliver mobile AI services
- Review structured outputs

04 / SOLUTION

How we approached it

The Simplify Job Search mobile app was designed as a mobile-first client for the candidate-side AI career workflow. The app does not run heavy AI processing directly on the device.

01

Authenticate and onboard candidates

Support mobile sign-in, consent and profile setup.

02

Capture job preferences

Store desired roles, locations and job-search intent.

03

Manage job discovery and activity

Present relevant jobs and candidate workflow information.

04

Deliver mobile AI services

Connect resume tools, uploads, payments and backend AI services within the app.

05 / EXAMPLE WORKFLOW

From input to reviewable output



06 / DELIVERY SCOPE

What the delivery covered

Business and product workflow

- Candidate Onboarding and Session Flow
- Mobile Authentication
- Job Preference and Candidate Personalization

AI, data and automation

- Google Gemini
- Azure OpenAI

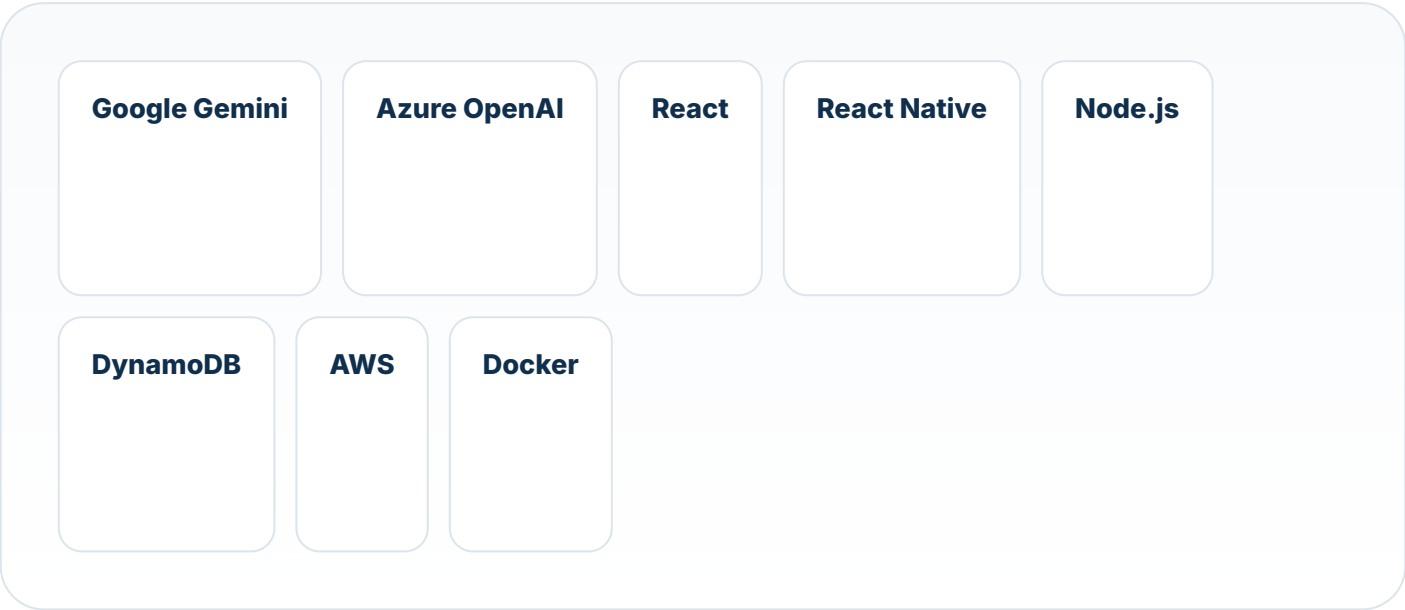
Application and cloud engineering

- React
- React Native
- Node.js
- DynamoDB
- AWS
- Docker
- Nginx

Scope boundary

The page covers the mobile candidate workflow. Only released platform features and current payment or notification behaviour should be shown publicly.

How the system is organised



Authenticated mobile access

Candidate sessions and account data are protected through the application authentication flow.

Payment and entitlement controls

Paid AI services are unlocked only after the relevant payment and entitlement checks.

Data and notification controls

Candidate preferences, activity and device-notification data follow defined product permissions.

Current-feature boundary

Only released Android/iOS and AI capabilities should be shown as available.

Value observed during validation

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|---|---|----------------|
| 1 | Mobile access to the candidate workflow
The mobile application extends the candidate workflow beyond the desktop web experience. | Pilot-observed |
| 2 | A smoother onboarding and preference journey
Onboarding, job preferences and resume setup are organised into one mobile journey. | Pilot-observed |
| 3 | AI resume services available on the go
Candidates can access resume analysis, generation and cover-letter tools from the app. | Pilot-observed |
| 4 | Unified job and application visibility
Payment and entitlement flows support controlled access to paid AI services. | Pilot-observed |
| 5 | A payment-enabled mobile product foundation
Mobile notifications and activity views keep job-search tasks accessible while users are away from a desktop. | Pilot-observed |

Technology and component roles

GO	Google Gemini Structured extraction, reasoning or generation	AZ	Azure OpenAI Managed LLM inference and reasoning	RE	React Reviewer or product user interface
RE	React Native Cross-platform mobile application	NO	Node.js Backend and integration services	DY	DynamoDB Scalable application and workflow data
AW	AWS Cloud infrastructure and managed services	DO	Docker Containerised deployment	NG	Nginx Reverse proxy and production serving
VE	Vertex AI Managed Gemini and AI model integration				

Explore related case studies

HRTECH & CAREER SERVICES

Candidate Intelligence & Resume Automation

Resume analysis, job-fit scoring and AI-assisted career-document workflows for candidates.

HRTECH & RECRUITMENT

AI Voice Screening Platform

Telephony-based candidate screening, response capture and interview-readiness automation.

HRTECH & RECRUITMENT OPERATIONS

Recruitment Automation Platform

AI-assisted job posting, candidate management, screening and recruiter operations.

Working on a similar challenge?

Discuss the workflow, data, integrations and evidence required for a practical first release.