

Code  
Canva

# PROJECT PROPOSAL

Website Project with database

Prepared by: Code Canva Team

Course: CSE227



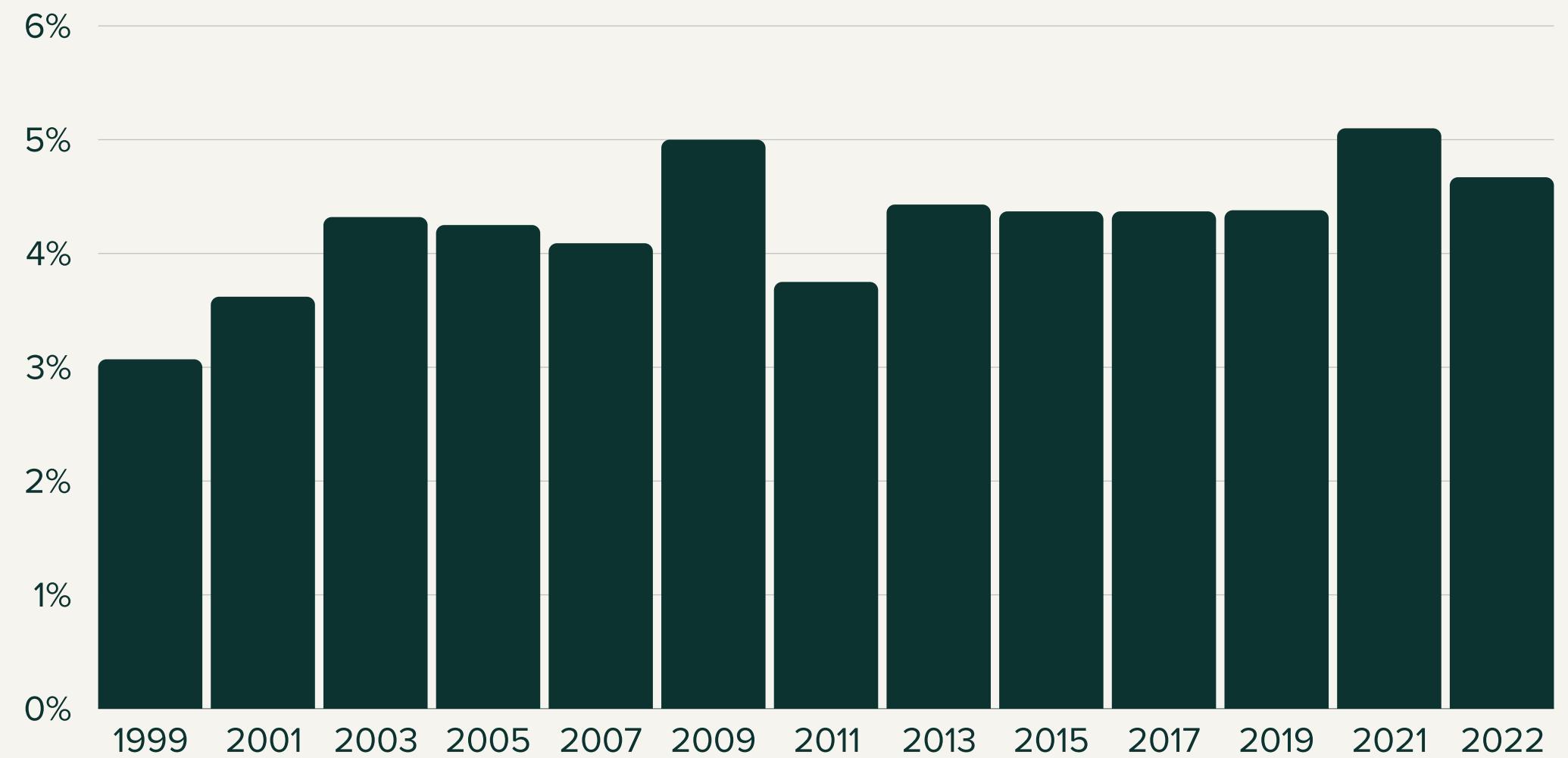
# Team Code Canva



# Contextual Analysis

**There are huge differences between finding a job and getting a job**

In 2022, the unemployment rate in Bangladesh was at approximately 4.67 percent. After a decrease from 2010 through 2019, Bangladesh's unemployment has been steady at around 5.1 percent.

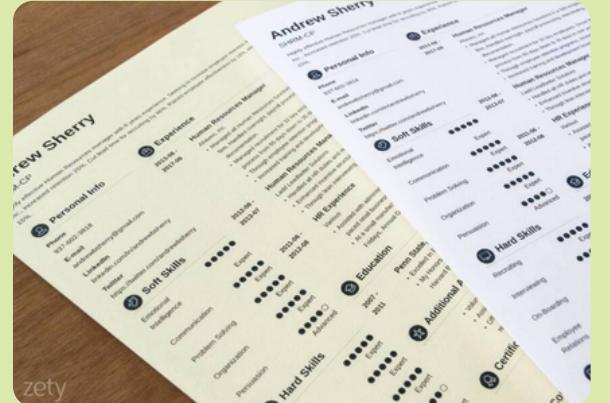


Statista. (2023). Unemployment Rate in Bangladesh. Statista.  
<https://www.statista.com/statistics/808225/unemployment-rate-in-bangladesh>

# Traditional way



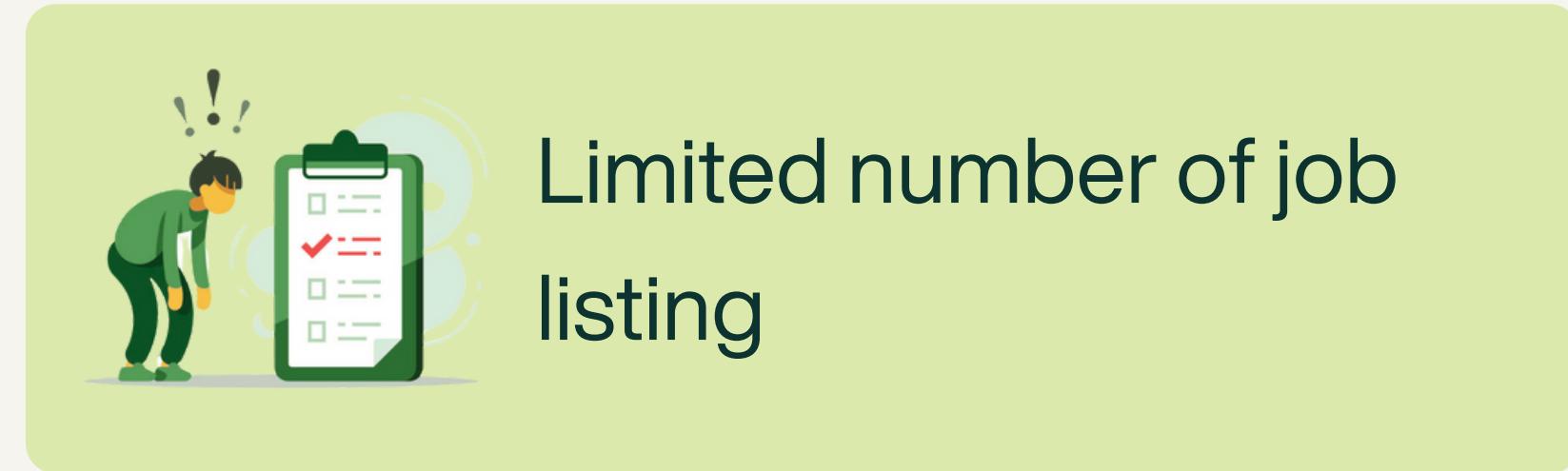
Newspaper classified



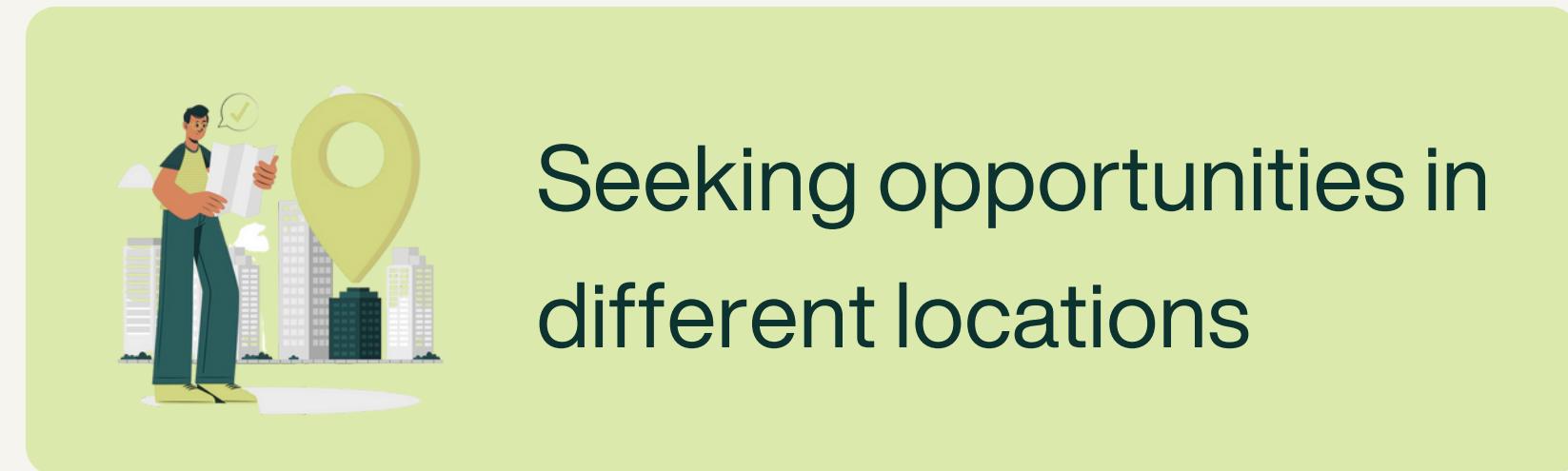
Printing resumes,  
mailing or physically  
delivering applications



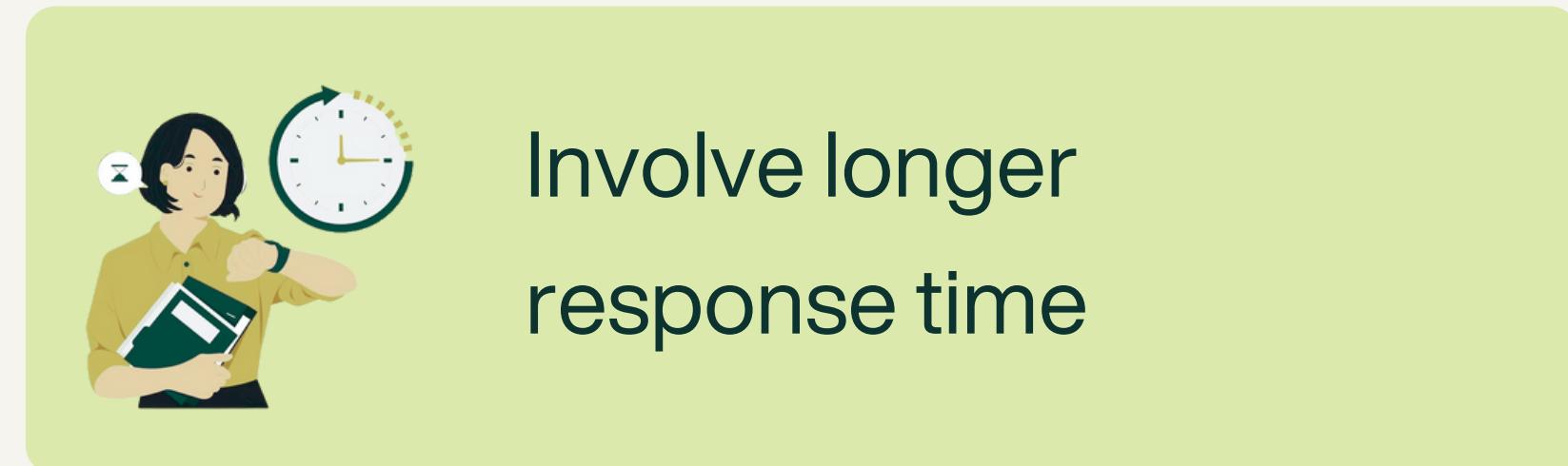
Limited visibility  
compared to online  
platforms



Limited number of job  
listing



Seeking opportunities in  
different locations

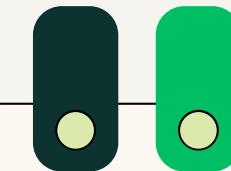


Involve longer  
response time

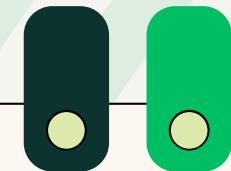


**NextgenJob**

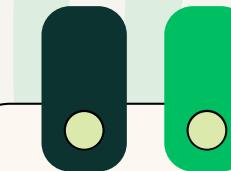
# Agenda



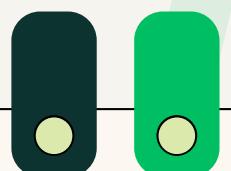
**Accurate job  
recommendations**



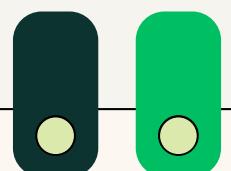
**Bridge the gap  
between job seekers  
and opportunities**



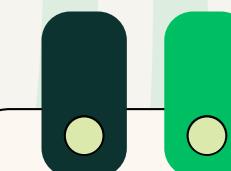
**Advanced Resume  
system**



**Keep the  
unemployment rate  
as low possible**



**Successful  
Application process**



**Easier than others &  
Zero Cost**

# Goals and Objectives

## Goals

- Modernize the job hiring process in Bangladesh.
- Create a user-centric job portal.
- Efficiently connect job seekers and employers.
- Simplify the hiring process.
- Utilize technology for streamlined job matching.
- Make life easier for all stakeholders.

## Objectives

- Evaluate the matching algorithms
- Quick connecting
- Make life easy
- Empowerment of Job Seekers
- Direct Communication
- Facilitation
- Technology Integration

# Scope of the Project

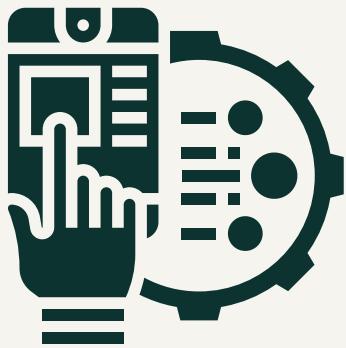
- 1 Web Platform Development
- 2 User Account Management
- 3 Job Posting and Management
- 4 Applicant Profile Creation
- 5 Matching Algorithms
- 6 Direct Communication Channel
- 7 Efficiency and Paperwork Reduction

# Solutions



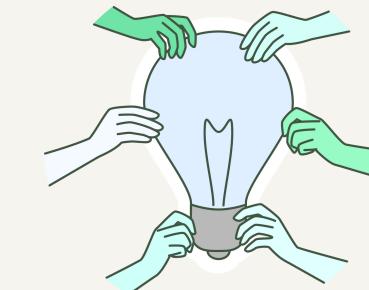
## Comprehensive Job Listings

A detailed and inclusive compilation of available opportunities within a specific organization



## User-Friendly Application Process

Seamless and easy-to-navigate experience that job seekers



## Diverse Job Opportunities

Range of employment possibilities that encompass various roles



# Dashboard system

## HR Dashboard

## Applicant Dashboard

The dashboard is a high-fidelity design for a recruitment platform. It features a dark header bar with three dots, a navigation bar with 'SIMPLY JOB' logo, 'Applications', 'Jobs', and buttons for '+ Add job' and 'Boost job'. A sidebar on the left shows 'HR Dashboard'.

A promotional banner at the top right encourages boosting applications with a 'Summer Deal - Save 52%' offer.

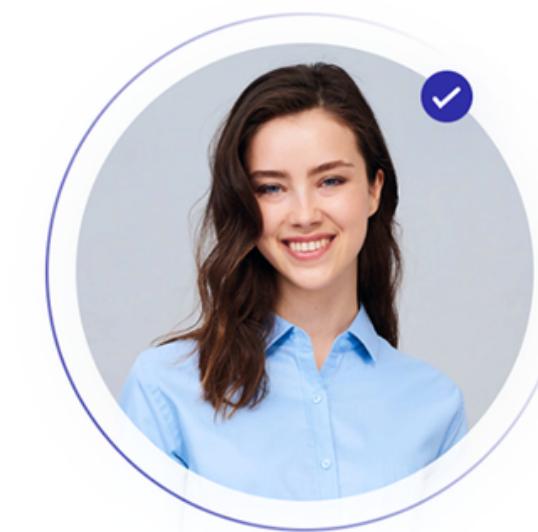
The main content area is titled 'Applications' and displays four KPIs:

- Applies today: > 6
- Applies last 7 days: 23
- Processing time: 2 days 22 hours
- Processing percentage: 61%

Note: it's not a final ui it's just a high fidelity Design

# Your own profile

## User Profile



**HiTe-0125**

Lead - Front end developer

\$44/hr

Develop responsive HTML pages using bootstrap as per approved mock-ups, matching the exact look and feel and UI experience of the mock-ups. Motivated to combine the art of design with the art of programming.

Note: it's not a final ui it's just a high fidelity Design

### Basic Information:

Age:

28 Years

Years of Experience

4 Years

CTC

12.5 Lac

Location:

Pune, Maharashtra

Availability

Full Time (40hr/wk)

Positive Feedback

100%

[Work Request](#)

[Schedule a call](#)

### Experience



IBM

Lead - Front end developer

Jan 2020 - Present | Pune, India

### Education

### Certification

[View Project](#)

# Keyword based suggestion system

The image shows a high-fidelity design of a job search website. At the top, there is a navigation bar with links for "Company Logo", "Jobs", "Companies", "Post a job", "Resume Search", "Pricing", "Sign in", and "Sign Up". Below the navigation bar, a large blue banner displays the text "120 Jobs Found". Underneath the banner is a search bar with a placeholder "Search for Job Posting", a dropdown menu for "Set Location", and a prominent blue "Search" button. In the center of the page, there is a section titled "Current Search" with filters for "Sales" and "Cambridge". To the right, there is a "Featured jobs" section displaying two job listings:

Job Title	Employer	Location	Type	Date
Nike Product Manager	Nike	San Francisco	Full Time	April 12, 2020
Product Developer	Apple Inc.	Los Angeles	Full Time	April 12, 2020

At the bottom left, there is a note: "Note: it's not a final ui it's just a high fidelity Design". On the bottom right, there is a "Refine by City" section with checkboxes for "Cambridge (2)" and "Durango (2)".

# Direct mail system

Applied on Sep 25, 2019 (a month ago)  
James P - Software developer

APPLICANT INFO   RESUME   EMAILS

Today

SK Shruti Kukkar To James P 10:13 PM  
Subject: Interview - HR Cloud

Hi James, We like what we've seen and would love to meet with you in person to ... [See more](#)

New Email

Notes 0

Documents 1

Audit >

Status

New >

Create & Send Offer

Hire

Note: it's not a final ui it's just a high fidelity Design

# Customizable resume

**B**

Enter your email to recover information and create account

Email Address\*

jyotisingui@icloud.com

Upload Photo

Change profile picture

First Name\*

Jyoti

Last Name\*

Sing

Profession\*

User Experience Designer

Gander\*

Male  Female

About

A little about me.. as a person

Overview

An overview of your career...

Add Your Video Pitch  
Upto 10 MB

**Preview**

Justin Nguyen

Software Developer

Experience

Education

Skills

Projects

Publications

Testimonials

Links

Template Options

Template

Preview

Download

Copy Link

Published

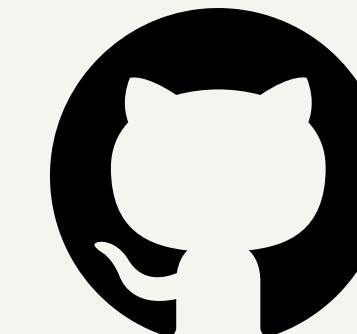
Private

Color Setting

Green Blue Purple Yellow Orange Red Grey

Note: it's not a final ui it's just a high fidelity Design

# **Technology Use On This Project**



# **Database Methodology**

# Mongodb Database Relation

Job-Seekers- Applicant		
String	UserID	PK
int	ProfileCompletionStatus	
string	Education	
string	Expreience	
strings	Skills	
strings	JobTypePreference	
float	SalaryExpectation	



Application		
String	UserID	FK
string	JobId	FK

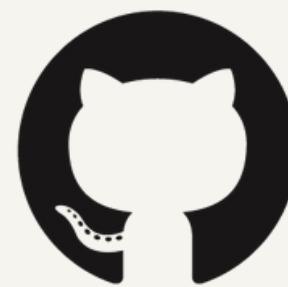
HR-CEO		
String	HRID	PK
string	CompanyName	
string	CompanyDetails	
Job-post[]	Jobposts	

Job-Post		
String	JobId	PK
string	RequiredEducation	
string	RequireExpreience	
string	RequiredSkills	
strings	SalaryOffered	
strings	JobType	

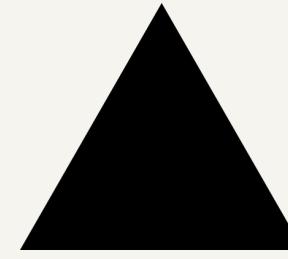




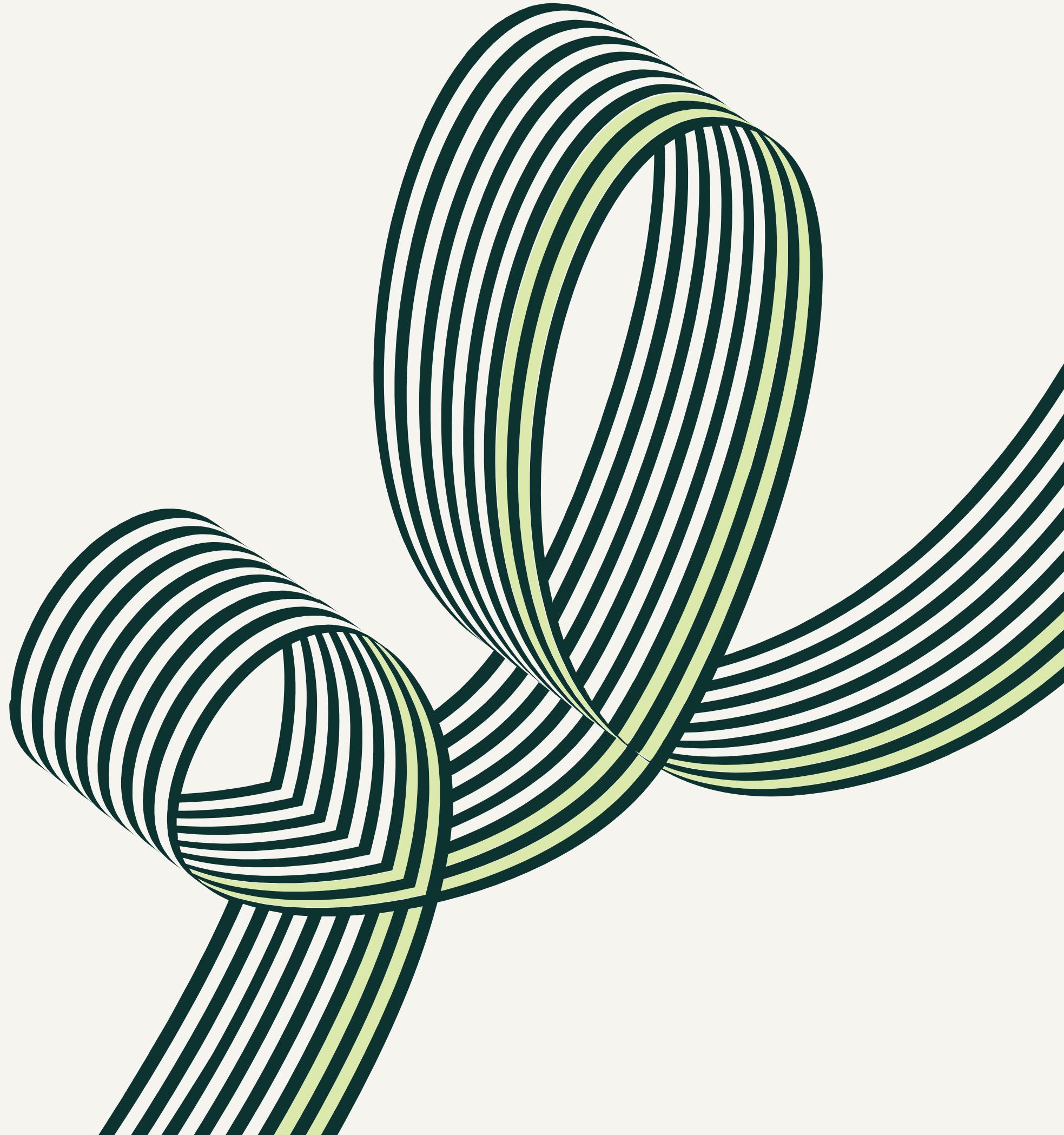
Deploying



GitHub



Vercel



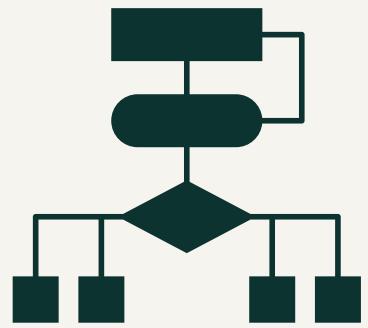
# Anticipated Results



Simplified Job Posting and Application Process



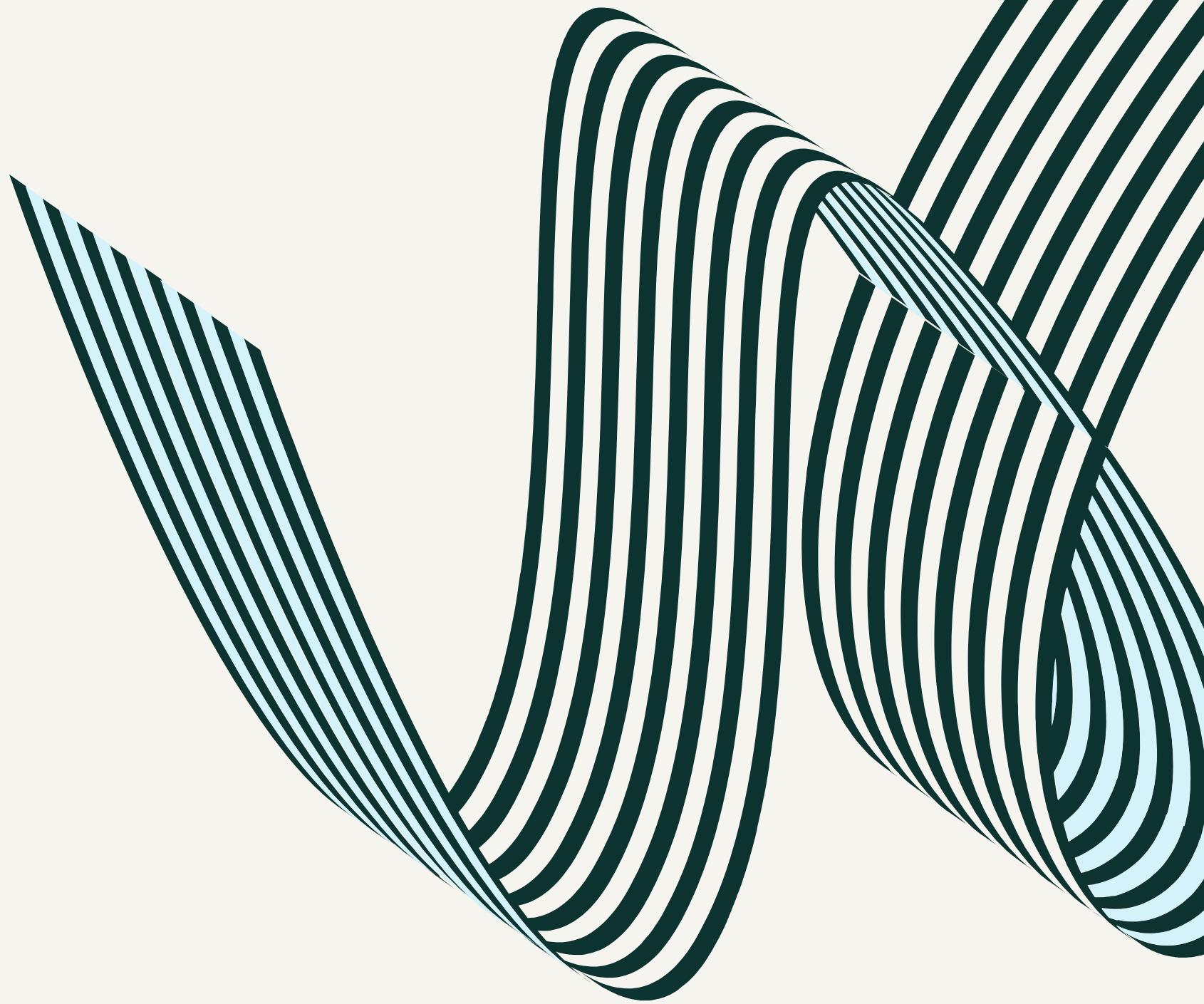
Comprehensive User Profiles



Efficient Matching Algorithms:



Direct Communication



# Questions?





**Thank You  
So Much**

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