

# COLLABORATOR

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# INTRODUCTION:

- ▶ Client needs a company to implement their work in an efficient manner. Companies need developers and there are many people who are interested in different domains also many developers want to be hired with effective skills.
- ▶ So the Collaborator web application acts as the platform to connect client and the company. Client pushes their requirement to the web application. The companies which are interested to take a particular work or project.
- ▶ On the other hand, companies need developers and there are many people who are interested in different domains. The companies will recruit the developers according to the interest of the individual. So, everyone company, client and the developer will get benefited.

# Motivation and problem statement

- ▶ To create a web application which acts as the communication link between the Companies, Clients and Developers.
- ▶ Developers are required by the companies and the companies are required by the developers indeed.
- ▶ Clients need a company to work on their project.so this web application benefits the Clients, Companies and the developers.

# Existing Systems

- ▶ **Recruiterbox** : Recruiterbox helps growing companies hire simply and predictably. Most recruiting software is so clunky and cumbersome that people often relapse to using email and spreadsheets. Recruiterbox intends to change that. We understand that hiring works best when people collaborate and make informed decisions together. Which is why we designed Recruiterbox to get out of your way and get this job done..
- ▶ **Hireology**:The all-in-one *hiring* and talent management platform for businesses of all sizes. Centralize your *hiring* process to save time and build your best team integrations to your *existing* HR *systems* like payroll, onboarding , scheduling, And that's all been thanks to the help Hireology provided to us in creating that *website*.
- ▶ **UltiPro** is a product of Ultimate Software which is a leading cloud provider of human capital management (HCM) applications. The award-winning **UltiPro** offers HR, compensation, talent, payroll, and time and labor management apps that connect people with the resources and information they need to work more effectively.

# Proposed system

- ▶ The existing systems have only hiring of the developers but not the clients collaboration. Proposed System has both.
- ▶ The Collaborator is the web application which acts as the interface between the Companies Clients and the developers.
- ▶ Companies, Clients and developers need to register in the corresponding category so that they will be able to get contacted from the appropriate category members.
- ▶ Developers need to upload their resume so that their skills will be extracted from them for showing the same to the companies. If the company needs the person with skills then the developer will get a notification that the particular company wants to hire him.
- ▶ Clients need to provide their requirements so that companies will get their details. If the company accept their proposal then the client get the notification that particular company liked your proposal and they can contact each other through mail or phone call.
- ▶ All the details of the companies clients and developers are stored in the database and will be provided whenever required.

# Software and Hardware requirements

- ▶ Django
- ▶ Python
- ▶ Postgresql
- ▶ Visual studio
- ▶ Html
- ▶ Css
- ▶ Javascript
- ▶ Jinja2
- ▶ Computer system

# Result

Collaborator

Collaborator is the interface for the companies, clients and the developers for easy collaboration among them.

This application serves the purpose of benefiting the clients, companies and the developers

Developer Client Company



The image shows a web browser window displaying the 'Collaborator' application. The browser's address bar shows the URL '127.0.0.1:8000'. The page features a title 'Collaborator' and a description: 'Collaborator is the interface for the companies, clients and the developers for easy collaboration among them.' Below this, it states 'This application serves the purpose of benefiting the clients, companies and the developers'. At the bottom of the page, there are three buttons labeled 'Developer', 'Client', and 'Company'. To the right of the text, there is an illustration of ten diverse people of various ethnicities and ages holding hands in a line, symbolizing teamwork and collaboration. The browser's taskbar at the bottom shows the Windows logo, a search bar, and several open applications including Edge, Chrome, File Explorer, Mail, Teams, and Word. The system tray on the right indicates the language is English (IN), the time is 2:01 PM, and the date is 4/13/2020.



# Result

← → ↻ 🏠 ⓘ 127.0.0.1:8000/developer


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SignUp

Developer

Wants to get hired!?Upload  
your details to get  
opportunities

Please login to your account,Sign  
up if u don't have the account



Username

Enter Username


Password

Enter Password

Login

Close

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## Developer Registration

Please fill in this form to create an account.

Name

Enter Name

Email

Enter Email

Mobile number

Enter Mobile number

## Resume

Choose File

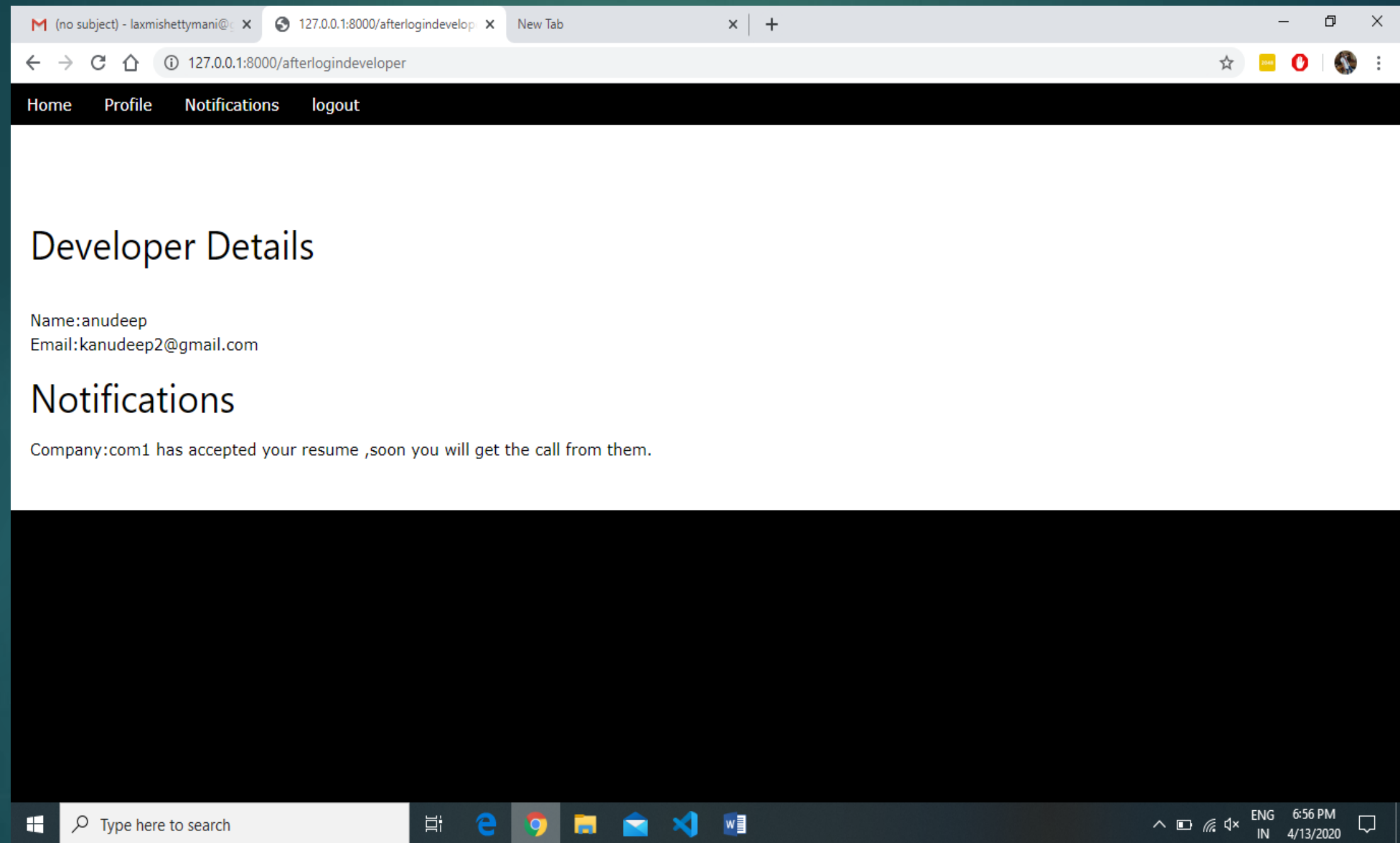
No file chosen

## Password

Enter Password

Repeat Password

Repeat Password



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127.0.0.1:8000/client

Star

Extension icons


Profile icon

SignUp

Client

Provide your requirements for the companies

Please login to your account, Sign up if u don't have the account



Login

Windows Start button

Type here to search

Taskbar icons: File Explorer, Edge, Chrome, Mail, Teams, Word

System tray: Network, Volume, Language (ENG IN), Time (2:36 PM 4/13/2020)

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127.0.0.1:8000/registerclient

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# Client Registration

Please fill in this form to create an account.

---

**Name**

Enter Name

**Email**

Enter Email

**Mobile number**

Enter Mobile number

**Name to display**

Enter name to display

**Provide requirements(comma seperated)**

Enter requirements(comma seperated)

**Password**

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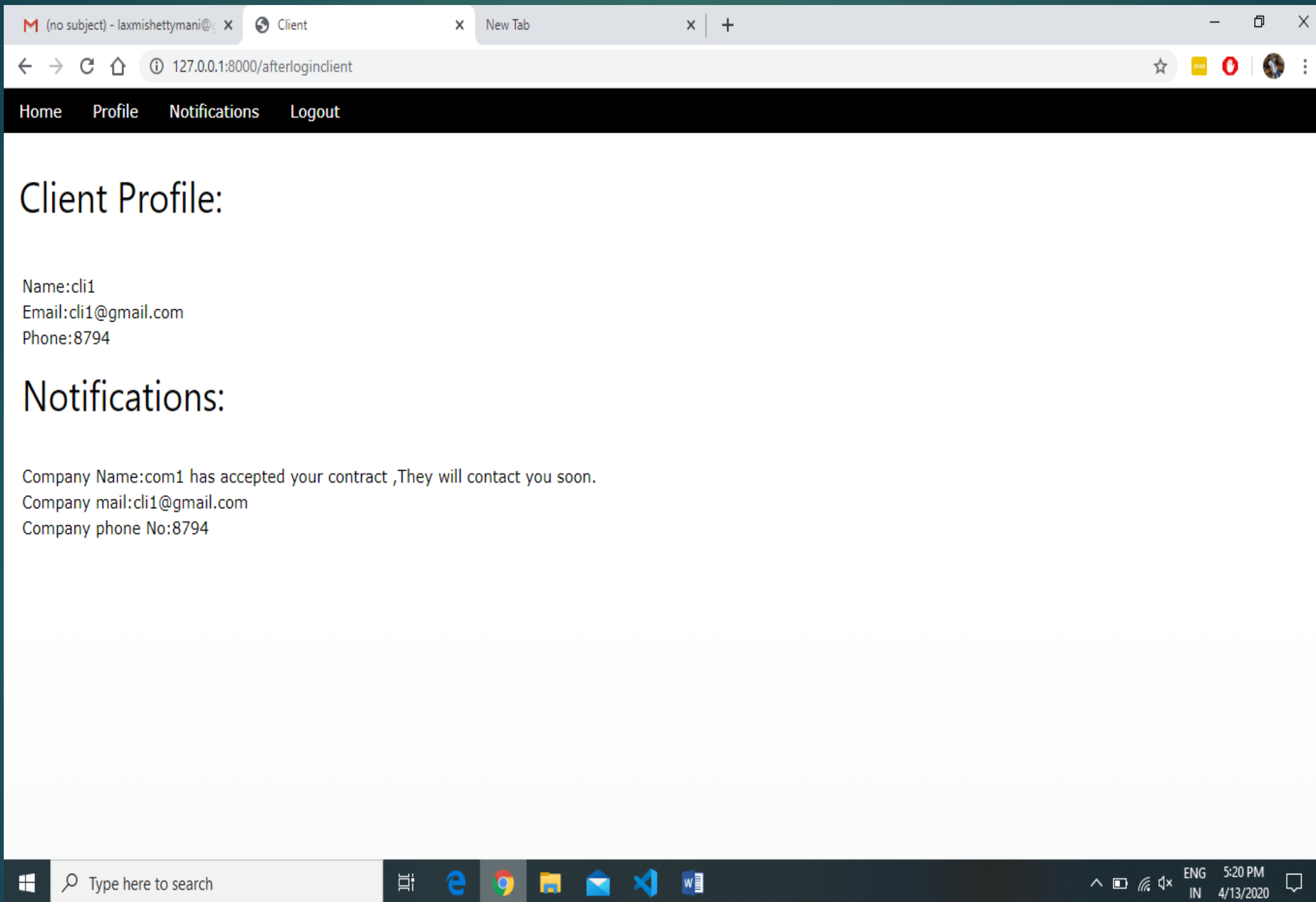
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Company

Wants to take a project from the clients?

Please login to your account,Sign up if u don't have the account

Username

Enter Username

Password

Enter Password

Login

Close

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# Company Registration

Please fill in this form to create an account.

---

**Name**

Enter Name

**Email**

Enter Email

**Mobile number**

Enter Mobile number

**Organization Name**

Enter Organization Name

**Password**

Enter Password

Please fill out this field.

**Repeat Password**

Repeat Password

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# Company

Log out

Find the clients to  
collaborate and the  
developers to recruit

click on the client button to know  
about the clients or click on the  
developer button to recruit



Developer

Client



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Home Profile logout

# Developer details

Name:Manideep  
Email:laxmishettymani@gmail.com  
Skills extracted from resume: c,c++,java,python,html,css,javascript

resume

Approve and send notification

Name:b  
Email:b@gmail.com  
Skills extracted from resume: c,c++,java,python,html,css,javascript,mysql,ms office,adobe xd,windows,django,flask

resume

Approve and send notification

Name:anudeep  
Email:kanudeep2@gmail.com  
Skills extracted from resume: c,c++,java,python,html,css,mysql,ms office,adobe xd,flash,windows,mac os

resume

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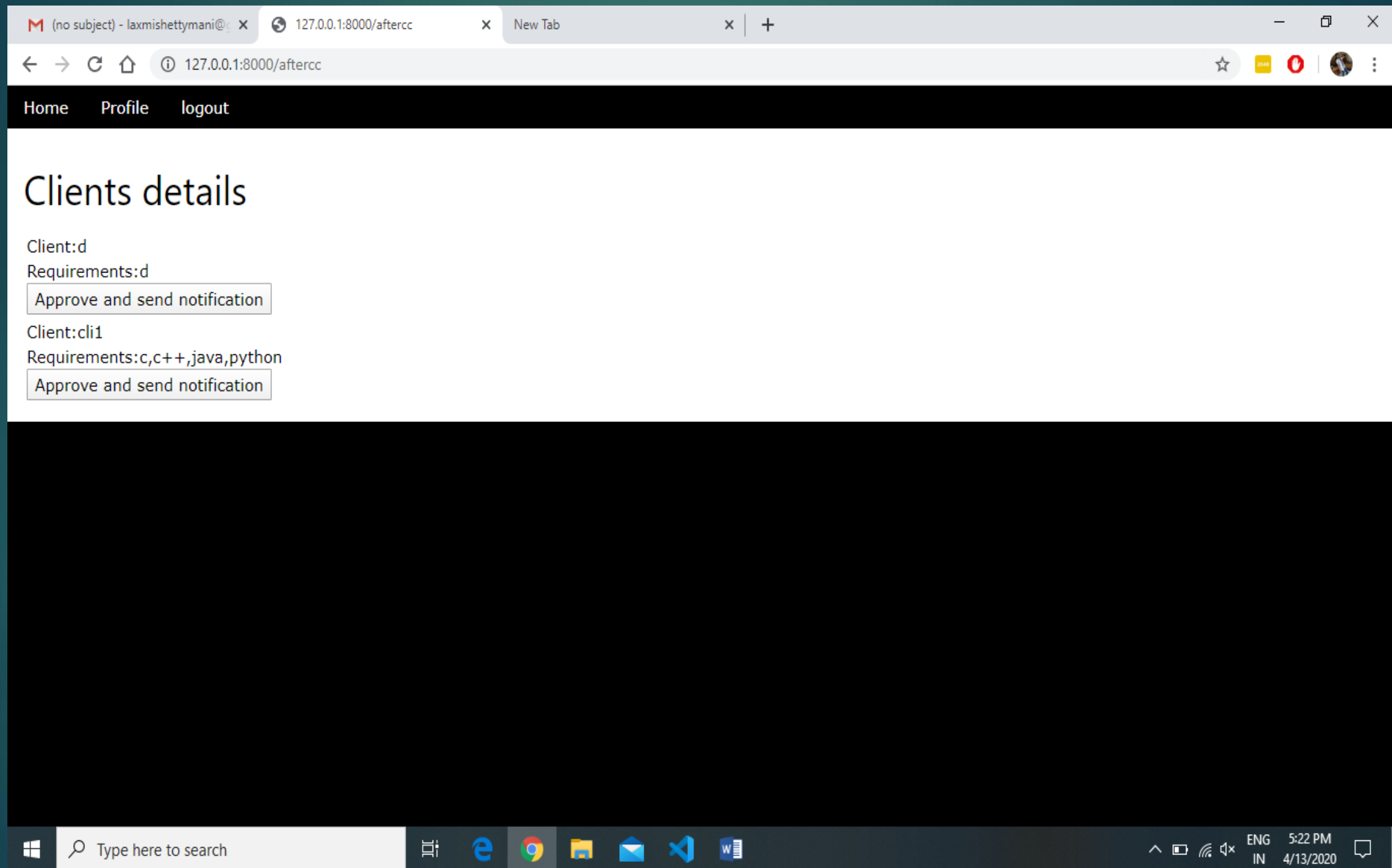
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pgAdmin 4

127.0.0.1:49566/browser/

pgAdmin File Object Tools Help

Browser

- Procedures
- 1.3 Sequences
- Tables (13)
  - auth\_group
  - auth\_group\_permissions
  - auth\_permission
  - auth\_user
    - Columns
    - Constraints
    - Indexes
    - Rules
    - Triggers
  - auth\_user\_groups
  - auth\_user\_user\_permissions
  - collaborator\_destination
    - Columns
    - Constraints
    - Indexes
    - Rules
    - Triggers
  - collaborator\_destinationclient
  - collaborator\_destinationcompany
  - django\_admin\_log
  - django\_content\_type
  - django\_migrations
  - django\_session

public.collaborator\_destination/registration1/postgres@PostgreSQL 12

Query Editor Query History Scratch Pad

```
1 SELECT * FROM public.collaborator_destination
2
```

Data Output Explain Messages Notifications

	id [PK] integer	name character varying (100)	email character varying (200)	mobile character varying (12)	password character varying (32)	upload character varying (100)
1	1	Manideep	laxmishettymani@gmail.com	7416262753	Mysisters@3	upload/Manideep_Laxmishett...
2	18	b	b@gmail.com	b	b	upload/recent2ppf.pdf
3	19	anudeep	kanudeep2@gmail.com	8341623000	anudeep	upload/Anudeep_it1.pdf
4	20	abhigna	abhigna22082000@gmail.com	9876543210	abhigna	upload/Abhigna_it2.pdf

✓ Successfully run. Total query runtime: 3 secs 288 msec. 4 rows affected.

Type here to search

9:29 PM 4/13/2020

# Conclusion and Future Scope

- ▶ The collaborator web application acts as the platform to connect client and the company. Client pushes their requirement to the web application. The companies which are interested to take a particular work or project.
- ▶ On the other hand, companies need developers and there are many people who are interested in particular domain. The companies will recruit the developers according to the interest of the member. So, everyone company, client and the developer will get benefited with the user friendly collaborating application.
- ▶ Many things like chat-bot, communication through messages, calls, emails can be send directly among companies, clients and developers

# References

- ▶ <https://www.w3schools.com/js/>
- ▶ <https://www.geeksforgeeks.org/javascript-tutorial/>
- ▶ <https://developer.mozilla.org/en-US/docs/Learn/HTML>
- ▶ <https://www.google.co.in>
- ▶ <https://www.w3schools.com/>
- ▶ <https://www.tutorialspoint.com/>
- ▶ <https://docs.djangoproject.com/en/3.0/>
- ▶ <https://stackoverflow.com/>

THE END