

WEB TECHNOLOGY PROJECT

RESUME BUILDER WEBSITE

Prachiti Barge (191071014)
Prerna Jagesia (191071028)

About Our Project

About our Project

Our project is about helping users build their resumes. We provide users with 4 resume templates and ask them to choose one they like, after which we take all the required information from users (as required in the template chosen) and finally the outcome is the generation of the resume with user entered information properly rendered in the resume template. We have also provided an option where users can download the resume generated on their local machine and if required can also get it printed.

Resume templates

1:

Ross Reynolds

23 years experience

Front End Developer

San Diego, USA

+91 9819356118

rossreynolds@gmail.com

Mechanical Engineer with 6+ years of experience in lightweight materials innovation, production, and maintenance. Possess a B.S. in Mechanical Engineering from UC San Diego. Seeking to leverage my SolidWorks expertise, leadership abilities, and materials development competency in the role of Senior Mechanical Engineer.

KEY SKILLS



SolidWorks



Tinkercad



MATLAB



AutoCAD

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- **LinkedIn:**
www.linkedin.com/in/rossreynolds
- **Instagram:**
www.instagram.com/whatagraph/
- **Twitter:**
www.twitter.com/rossreynolds

HOBBIES

- Badminton
- Gardening
- Music

2:

Ross Reynolds
Front End Developer
23 years experience

About Me

Mechanical Engineer with 6+ years of experience in lightweight materials innovation, production, and maintenance. Possess a B.S. in Mechanical Engineering from UC San Diego. Seeking to leverage my SolidWorks expertise, leadership abilities, and materials development competency in the role of Senior Mechanical Engineer.

Contact Me

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Experience

- Mechanical Engineering Apprentice**
 Rathbone Pacific
 April 2012 - May 2014
- Mechanical Engineer**
 SeedSecure
 June 2014 - Present

Education

- B.S. Mechanical Engineering**
 UC San Diego
 2009 - 2012
- A.S. Physics**
 Mira Costa College
 2007 - 2009

Programming Skills



Interests



chrome

3:

CONTACT INFO:

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EXPERTISE

- SolidWorks
- Tinkercad
- MATLAB
- AutoCAD

EDUCATION

- B.S. Mechanical Engineering
UC San Diego | 2009 - 2012
- A.S. Physics
Mira Costa College | 2007 - 2009

INTERESTS

- Badminton
- Gardening
- Music

ROSS
REYNOLDS

23 YEARS EXPERIENCE

FRONT END
DEVELOPER

PROFILE

Mechanical Engineer with 6+ years of experience in lightweight materials innovation, production, and maintenance. Possess a B.S. in Mechanical Engineering from UC San Diego. Seeking to leverage my SolidWorks expertise, leadership abilities, and materials development competency in the role of Senior Mechanical Engineer.

EXPERIENCE

Mechanical Engineering Apprentice

Rathbone Pacific | April 2012 - May 2014

Researched new materials-generation techniques, compiling and distributing an average of 3 reports/year to engineering team. Liaised between design, production, and quality control teams to ensure the highest standard of quality was being met during each stage of development. Consistently maintained a record of <9% production errors through the expert care and precise handling of materials.

Mechanical Engineer

SeedSecure | June 2014 - Present.

Worked with a team of 10+ to ideate, create, maintain, and update lightweight materials, working primarily with carbon fiber composite. Increased production efficiency by 15% through the strategic minimization of bottlenecks. Trained 3-5 employees/year in non-physical prototyping methodologies. Ensured strict adherence to OSHA and FDA safety guidelines.

4:

ROSS
REYNOLDS

Mechanical Engineer

10 years experience

- Call • +91 9819356118
- Mail • rossreynolds@gmail.com
- Home • San Diego, USA

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EXPERIENCE

Rathbone Pacific Mechanical Engineering Apprentice

April 2012 - May 2014

Worked with a team of 10+ to ideate, create, maintain, and update lightweight materials, working primarily with carbon fiber composite. Increased production efficiency by 15% through the strategic minimization of bottlenecks. Trained 3-5 employees/year in non-physical prototyping methodologies. Ensured strict adherence to OSHA and FDA safety guidelines.

SeedSecure

Mechanical Engineer

June 2014 - Present

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SKILLS

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- Tinkercad
- MATLAB
- AutoCAD

EDUCATION

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UC San Diego
2009 - 2012
- A.S. Physics
Mira Costa College
2007 - 2009

chrome

ARCHITECTURE

- Client Tier (View) - The client tier in the three-tier architecture model is usually a web browser. Our Client Tier (View) is written in JavaScript, html and CSS.
- Business Logic Tier (Controller) - This tier represents the Application Server that will act as a bridge of communication for the Client Tier and Database Tier. We have built our website using Flask as our development framework.
- Database Tier (Model) - We have used SQLite3 as our database. The main reason for involving databases in our project is for registering our users into our website so that they can take full advantage of all the functionalities available.



TOOLS

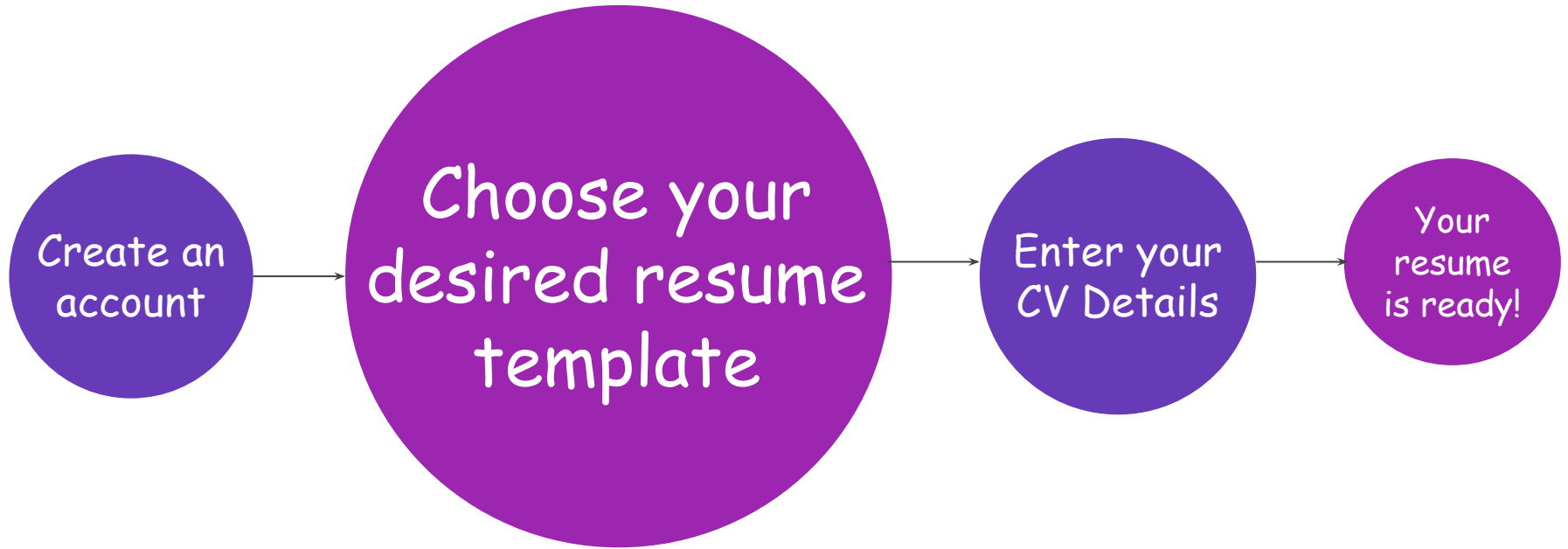
TOOLS

— — —

FRONTEND	BACKEND	DATABASE
1.HTML	FLASK	<p>SQLite3 is the database we have used to store login credentials of the user. SQLite is a C-language library that implements a small, fast, self-contained, high-reliability, full-featured, SQL database engine.</p> <p>It is software that allows users to interact with a relational database. In SQLite, a database is stored in a single file — a trait that distinguishes it from other database engines.</p>
2. CSS	Important extensions used-	
3. Bootstrap		
4. Javascript		

FLOW OF OUR WEBSITE

Flow of our website



SCREENSHOTS

1.

— — —

A new user has to first sign up to our website and create an account for building his/her resume.

Home Login Register

Welcome Back!

To keep connected with us please login with your personal info

SIGN IN

Create Account

Username

Email

Password

Confirm Your Password

SIGN UP

2.

— — —

After
signup, he
will be
redirected
to our
Sign In
page for
logging
in.

[Home](#) [Login](#) [Register](#)

Sign in

Purna

....|

LOGIN

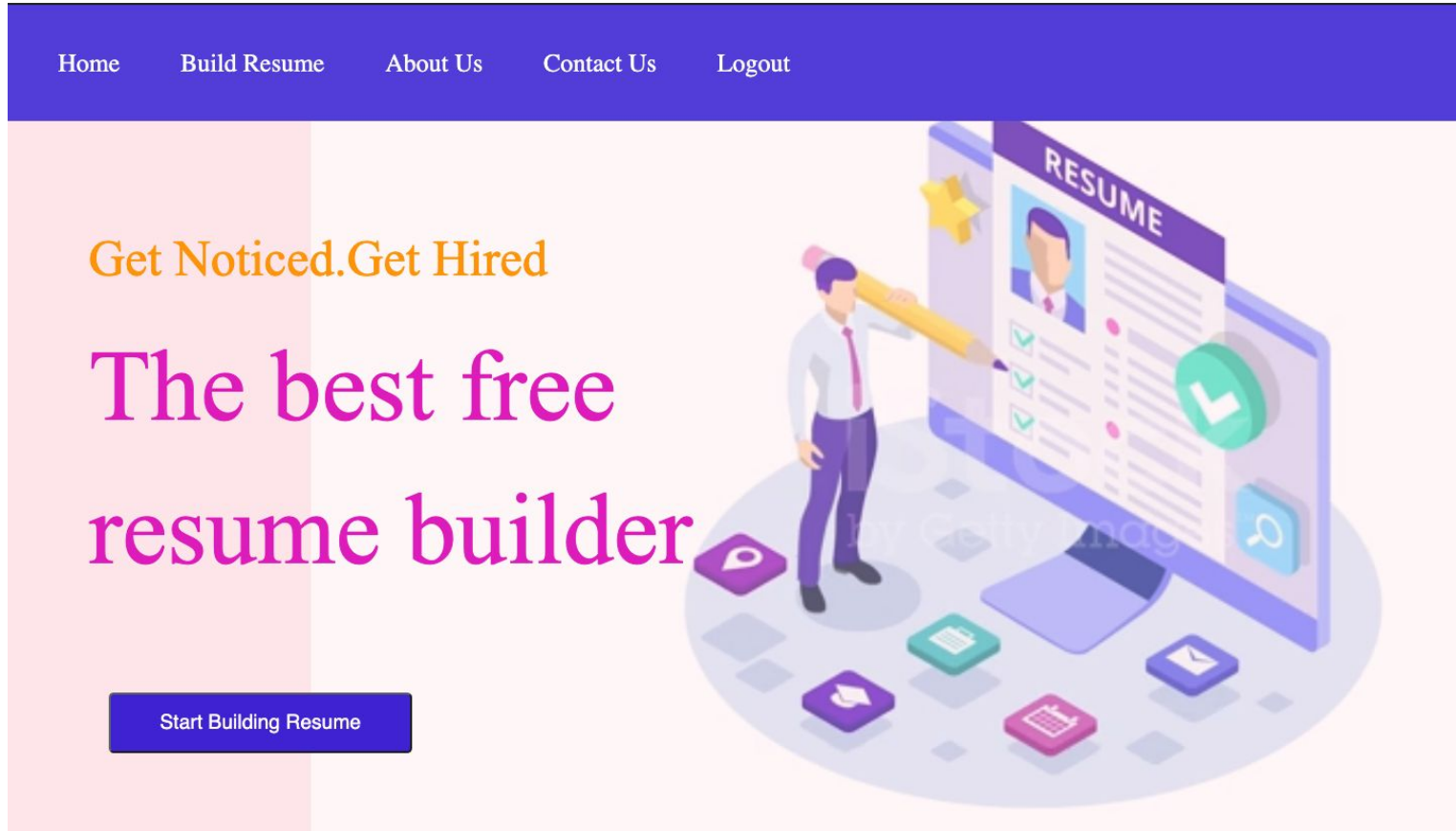
Hello, Friend!

Enter your personal details and start building exciting resumes!

SIGN UP

3.

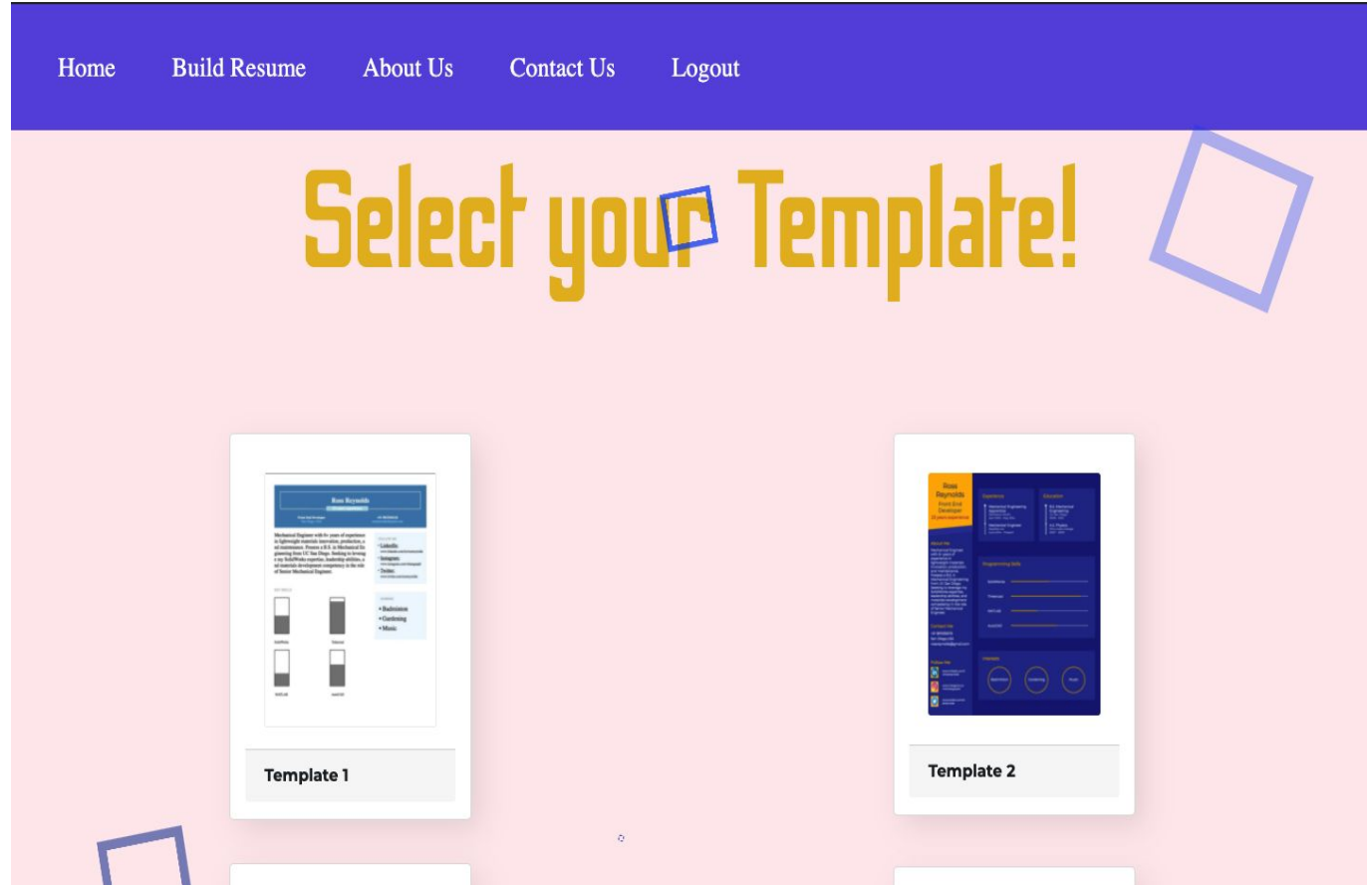
After successfully signing in, the user will be redirected to our homepage which is as shown:



4.

— — —

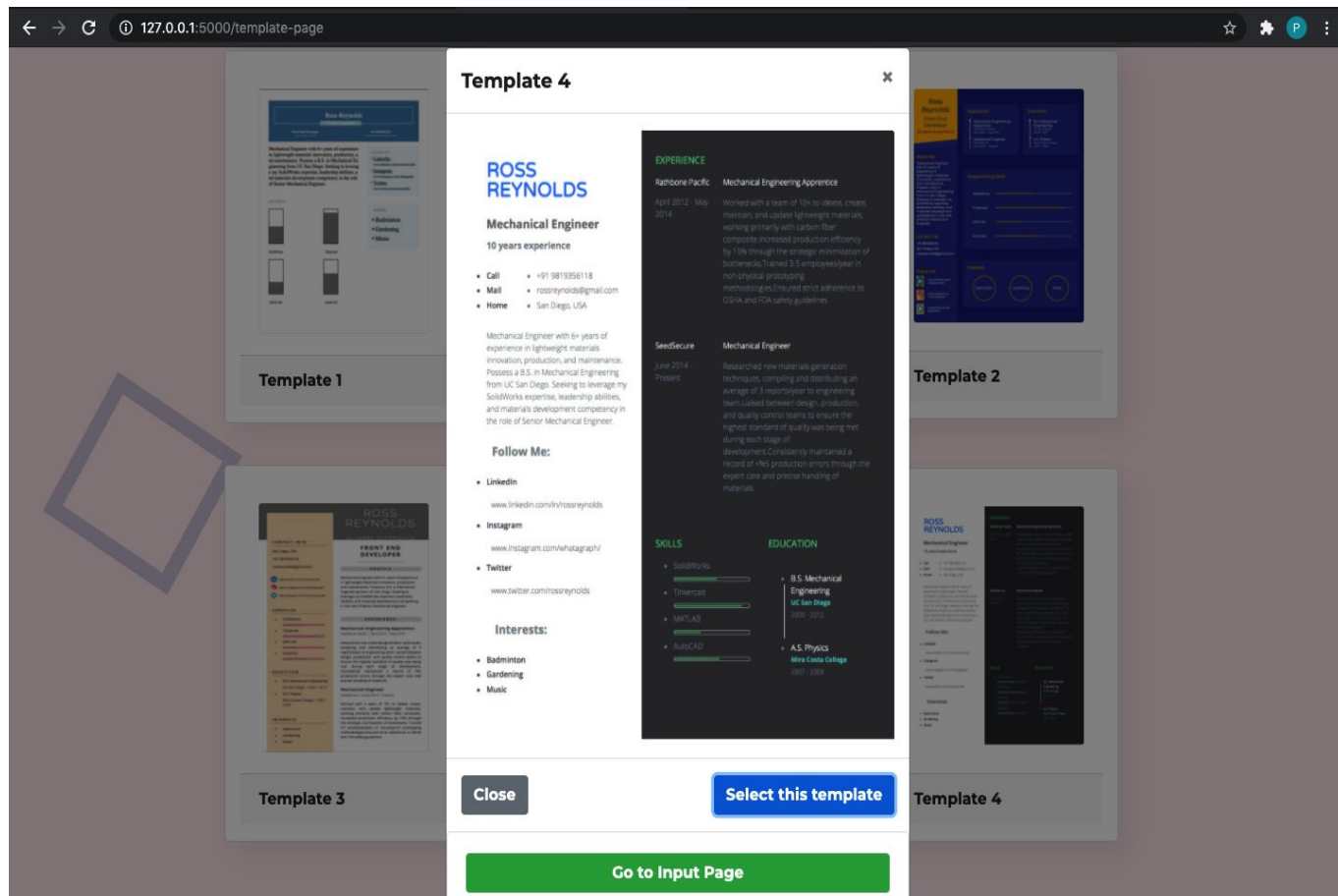
The user can then start building his/her resume by clicking on the 'Start Building Resume' button or going to the 'Build Resume' tab. He will then be directed to the templates page



5.

— — —

The templates are displayed as expandable cards. The user can click each one of them for better visibility of the template. He can then either close the card or click on 'Go to Input Page' to select the template and fill his details.



6.

After selecting a template, the user will have to fill in his resume details in the input form that opens up:

← → ↻ ⓘ 127.0.0.1:5000/input-4 ☆ ⚙ P ⋮

Home Build Resume About Us Contact Us Logout

Please fill out this form!

Personal Details

Name * Enter your name Designation * Enter your designation

Experience(in years)* Enter your experience

Profile (About Yourself in 2 to 3 lines) *
Describe Yourself

Contact Me

Mobile no./Phone no. * 🇮🇳 081234 56789 Email * Enter a valid email address

7.

— — —

After submitting the form, the user's information gets displayed in his/her selected resume template!

localhost:5000/your-resume

Gmail

YouTube

Maps

Translate

News

Classes

WhatsApp

GitHub

Introduction |...

What is Wallet...

Reading li

ROSS
REYNOLDS

Software Engineer

10 years experience

• Call

• 09881096655

• Mail

• rossreynolds@gmail.com

• Home

• Pune, India

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Follow Me:

• LinkedIn

LinkedIn.com/in/username

Interests:

• Drawing

• Gardening

• Singing

EXPERIENCE

Infosys

2014-08 - 2017-06

Web Developer

Mechanical Engineering Apprentice / Rathbone Pacific/ San Diego, CA Researched new materials-generation techniques, compiling and distributing an average of 3 reports/year to engineering team Liaised between design, production, and quality control teams to ensure the highest standard of quality was being met during each stage of development Consistently maintained a record of <5% production errors through the expert care and precise handling of materials

Samsung Research Institute

2019-03 - 2021-05

Senior project manager

Mechanical Engineer / SeedSecure / San Diego, CA Worked with a team of 10+ to ideate, create, maintain, and update lightweight materials, working primarily with carbon fiber composite Increased production efficiency by 15% through the strategic minimization of bottlenecks Trained 3-5 employees/year in non-physical prototyping methodologies Ensured strict adherence to OSHA and FDA safety guidelines

SKILLS

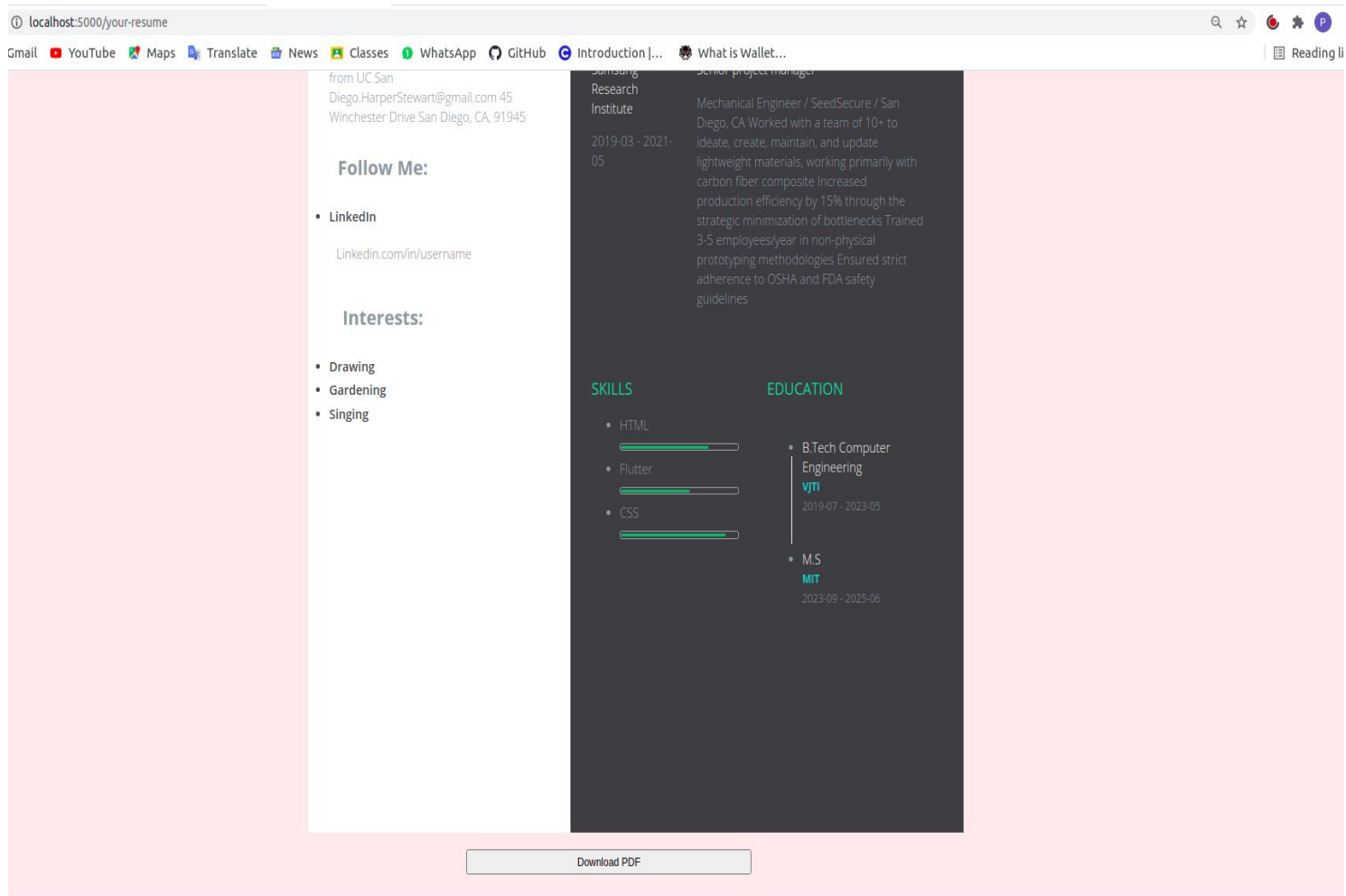
• HTML

• Flutter

EDUCATION

• B.Tech Computer Engineering

The user can then download it as a pdf document.



9.

After
downloading it
as a pdf
document:

ROSS
REYNOLDS

Software Engineer

10 years experience

- **Call** → 09881096655
- **Mail** → rossreynolds@gmail.com
- **Home** → Pune, India

Mechanical Engineer with 6+ years of experience in lightweight materials innovation, production, and maintenance. Possess a B.S. in Mechanical Engineering from UC San Diego. HarperStewart@gmail.com 45 Winchester Drive San Diego, CA, 91945

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[LinkedIn.com/in/username](https://www.linkedin.com/in/username)

Interests:

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- Gardening
- Singing

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Infosys

2014-08 -
2017-06

Web Developer

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2019-03 -
2021-05

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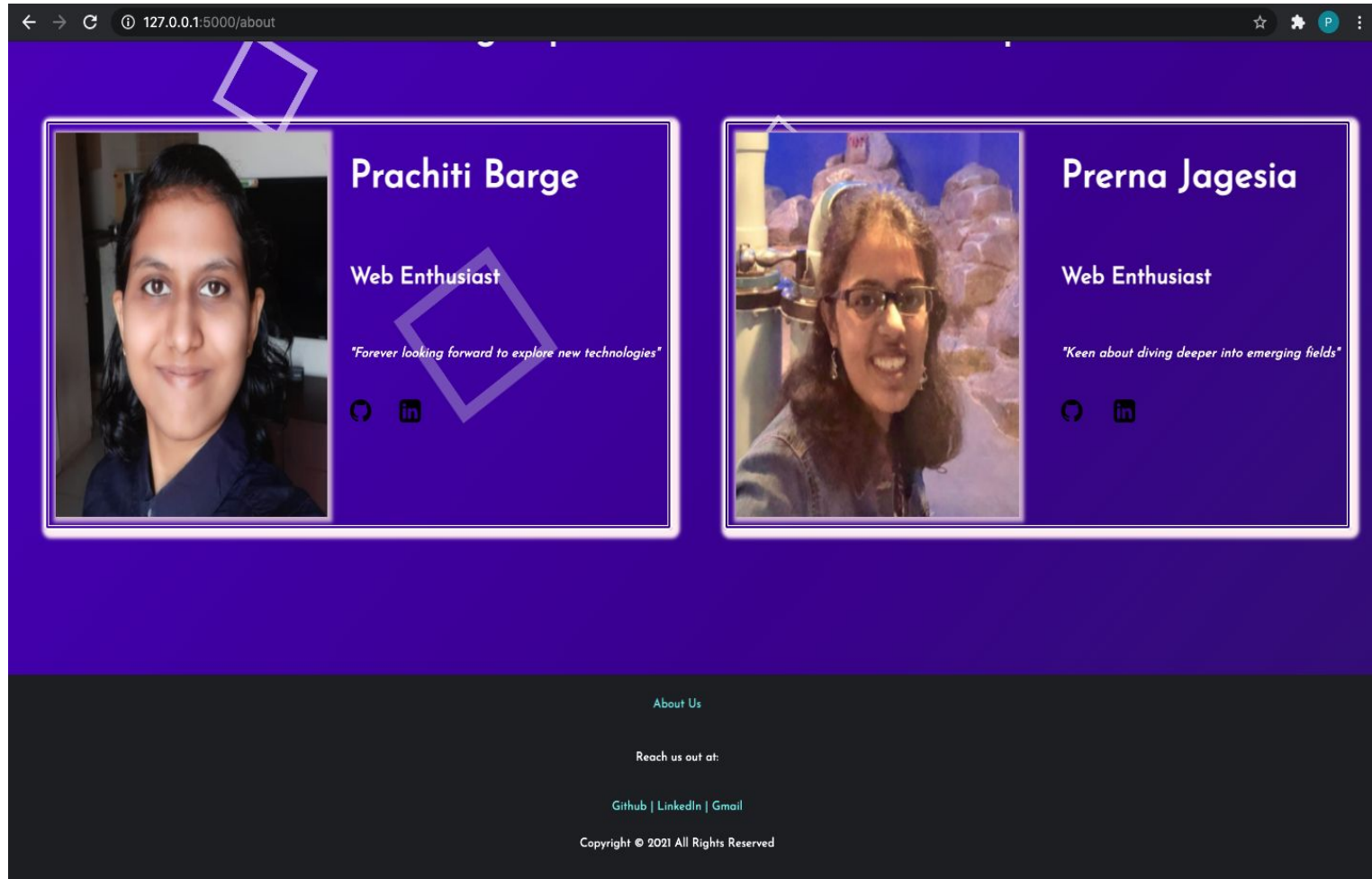
- HTML
- Flutter
- CSS

EDUCATION

- B.Tech Computer Engineering
VJTI
2019-07 - 2023-05
- M.S
MIT
2023-09 - 2025-06

10.

— — —
About us
Page:



THANK YOU