

**A
Project Report
On
"Online Job Website"**

Prepared by
Mayank Jadav (19DCS040)
Vivek Mangrola (19DCS057)
Jay Pandya (19DCS074)

Under the guidance of

Prof. Priyal Vaghela
Prof. Chandrashekhar Pawar

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CERTIFICATE

This is to certify that the report entitled “Online Job Website” is a bonafied work carried out by **Mr. Mayank Jadav (19DCS040), Mr. Vivek Mangrola (19DCS057) and Mr. Jay Pandya (19DCS074)** under the guidance and supervision of **Assistant Prof. Priyal Vaghela and Assistant Prof. Chandrashekhar Pawar** for the subject **CE255 Software Group Project-II** (Computer Science and Engineering) of 4th Semester of Bachelor of Technology in **Devang Patel Institute of Advance Technology And Research** at Faculty of Technology & Engineering – CHARUSAT, Gujarat.

To the best of my knowledge and belief, this work embodies the work of candidate himself, has duly been completed, and fulfills the requirement of the ordinance relating to the B.Tech. Degree of the University and is up to the standard in respect of content, presentation and language for being referred to the examiner.

Prof. Priyal Vaghela
Assistant Professor
Computer Science and Engineering
DEPSTAR, Changa, Gujarat.

Prof. Chandrashekhar Pawar
Assistant Professor
Computer Science and Engineering
DEPSTAR, Changa, Gujarat.

Dr. Amit Ganatra
Principal, DEPSTAR
Dean, FTE
CHARUSAT, Changa, Gujarat.

Devang Patel Institute of Advance Technology And Research
At: Changa, Ta. Petlad, Dist. Anand, PIN: 388 421. Gujarat

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Abstract

Finding jobs that best suits the interests and skill set is quite a challenging task for the job seekers. In addition, finding the right candidate with desired qualifications to fill their current job openings is an important task for any company. Online Job Website have certainly made job convenient on both sides. It is the solution where company as well as the job seeker meet aiming at fulfilling their individual requirement. They are the cheapest as well as the fastest source of communication reaching wide range of audience on just a single click irrespective of their geographical distance.

The web application “Online Job Website” provides an easy and convenient search application for the job seekers to find their desired jobs and for the company to find the right candidate. Job seekers from any background can search for the current job openings. Job seekers can register with the application and update their details and skill set. They can search for available jobs and apply to their desired positions.

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1. Project Definition:

The FlexJob project category is Web Development (website).

The main objective for the FlexJob system for the online job seeker are:

- To give the company information about the job and task.
- All freelance can view the all type of jobs and task.
- The site must be user friendly and graphics must be used so as to give a striking look and feel of any item.
- The site must be easy and flexible to use Navigate must be smoother and freelancer or company be able to understand the links.
- To attract the company by showing your skill the extreme feature, services and hence achieve company satisfaction.

2. Description:

- The project entitled “Online Job Website” the main aim of project is to provide jobs and company information that provided by others. The main theme is to provide jobs and different kinds of tasks.
- User can choose the category, tasks, offer and company.
- The process of post jobs is little because we are allowing a freelance to post their jobs related information and their work experience. Now you have to select the category of Jobs, pricing and remote work.
- The publisher of the Job can manage the budgets and time limit.
- The Freelancer and Company can view all the register other Freelancers and Companies and their profiles.

3. Tools and Technologies Used:

- **XAMPP Server:**

XAMPP is an abbreviation where X stands for Cross-Platform, A stands for Apache, M stands for MYSQL, and the Ps stand for PHP and Perl, respectively. It is an open-source package of web solutions that includes Apache distribution for many servers and command-line executables along with modules such as Apache server, MariaDB, PHP, and Perl. XAMPP helps a local host or server to test its website and clients via computers and laptops before releasing it to the main server.

- **Web Browser:**

A web browser is an application used to access and view websites. Web browsers include Microsoft Internet Explorer, Google Chrome, Mozilla Firefox and Apple Safari. The primary function of a web browser is to render HTML, the code used to design or markup webpages.

- **Visual Studio Code:**

Visual Studio Code is a freeware source-code editor made by Microsoft for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git.

- **MySQL:**

MySQL is the most popular Open-Source Relational SQL Database Management System. MySQL is one of the best RDBMS being used for developing various web-based software applications. A relational database organizes data into one or more data tables in which data types may be related to each other; these relations help structure the data.

- **jQuery:**

jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With

a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

- **PHP:**

The PHP Hypertext Preprocessor (PHP) is a programming language that allows web developers to create dynamic content that interacts with databases. PHP is basically used for developing web based software applications. PHP scripts are executed on the server.

- **HTML:**

The Hyper Text Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages.

- **CSS:**

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.

- **Java Script:**

JavaScript is a lightweight, interpreted programming language. It is designed for creating network-centric applications. It is complimentary to and integrated with Java. JavaScript is very easy to implement because it is integrated with HTML. It is open and cross-platform.

- **Bootstrap:**

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components.

4. Software and Hardware Specifications:

- The efficient hardware and software configuration required to run the system.
- In our project, The user will only need a browser to run the website.

5. Major Functionality:

FlexJob run on local or national daily or weekly Job and task allocation. Like all type of job and in you budget it depend on a lot of things. Your budget, time duration, what kind of job type, what you want, which skills you required.

5.1 User/Freelancer:

- User makes their account in system.
- User adds their Personal Details, Skills, Experience and Education in their profile.
- User can easily login and logout with their credential.
- System provides a search facility.
- System displays different Jobs information.
- System provides freelancer's profiles and descriptions.
- System provides companies details like profile, description and jobs.

5.2 Company:

- Company makes their account in system.
- Company can easily login and logout with their credential.
- Company posts job based on their requirement.
- Company can view their all posted jobs.
- System provides a search facility.
- System provides freelancer's profiles and descriptions.

5.3 Visitors:

- System displays different Jobs information.
- System provides freelancers profiles and descriptions.
- System provides a search facility.
- System provides companies details like profile, description and jobs.

6. System Flowchart:

A flowchart is a type of diagram that represents an algorithm, workflow or process, showing the steps as boxes of various kinds, and their order by connecting them with arrows. This diagrammatic representation illustrates a solution to given problem.

Flowcharts are used in analysing, designing or managing a process or program in various fields.

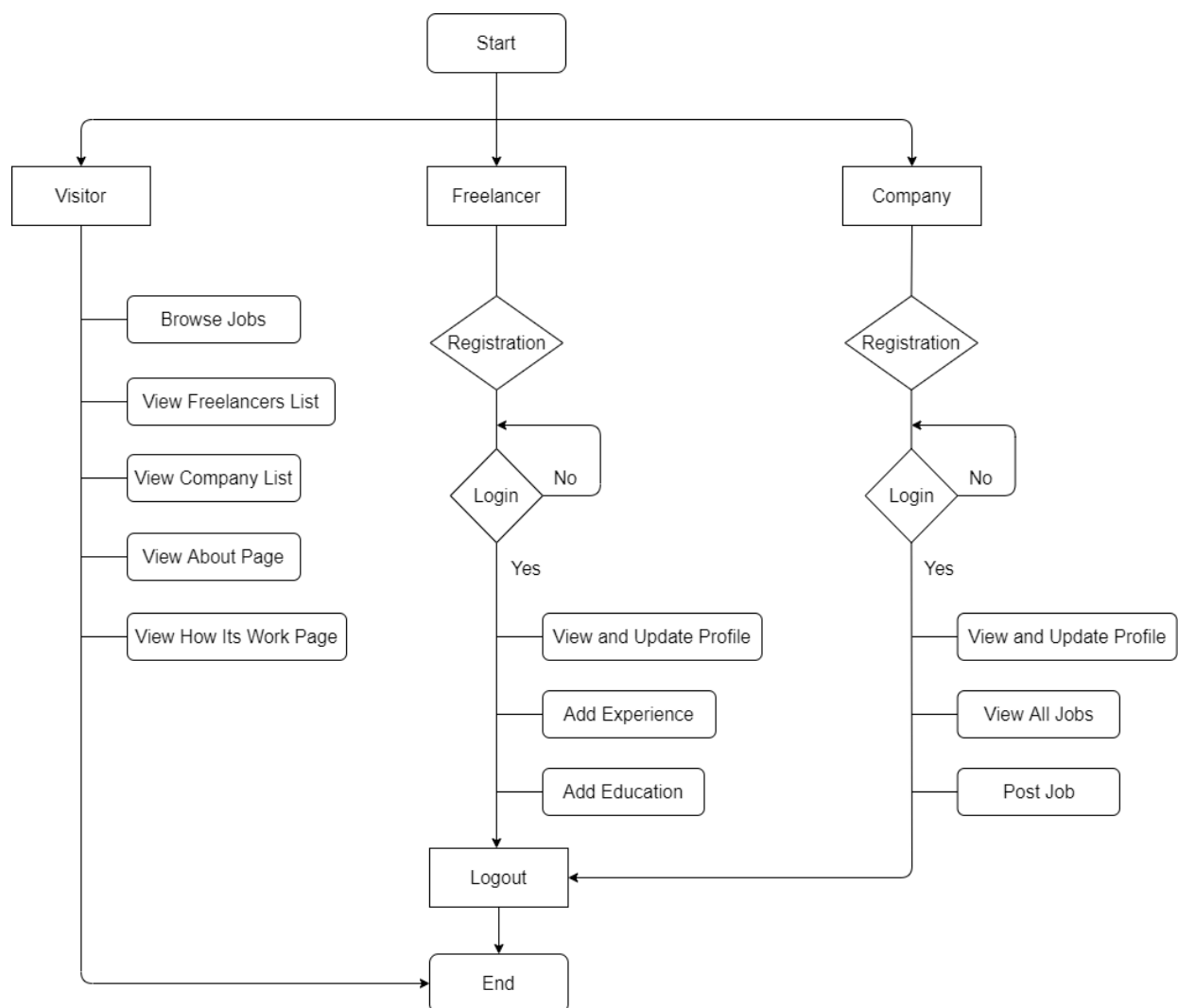


Fig 6.1 System Flowchart

7. Screenshots of your project output:

7.1 Login:

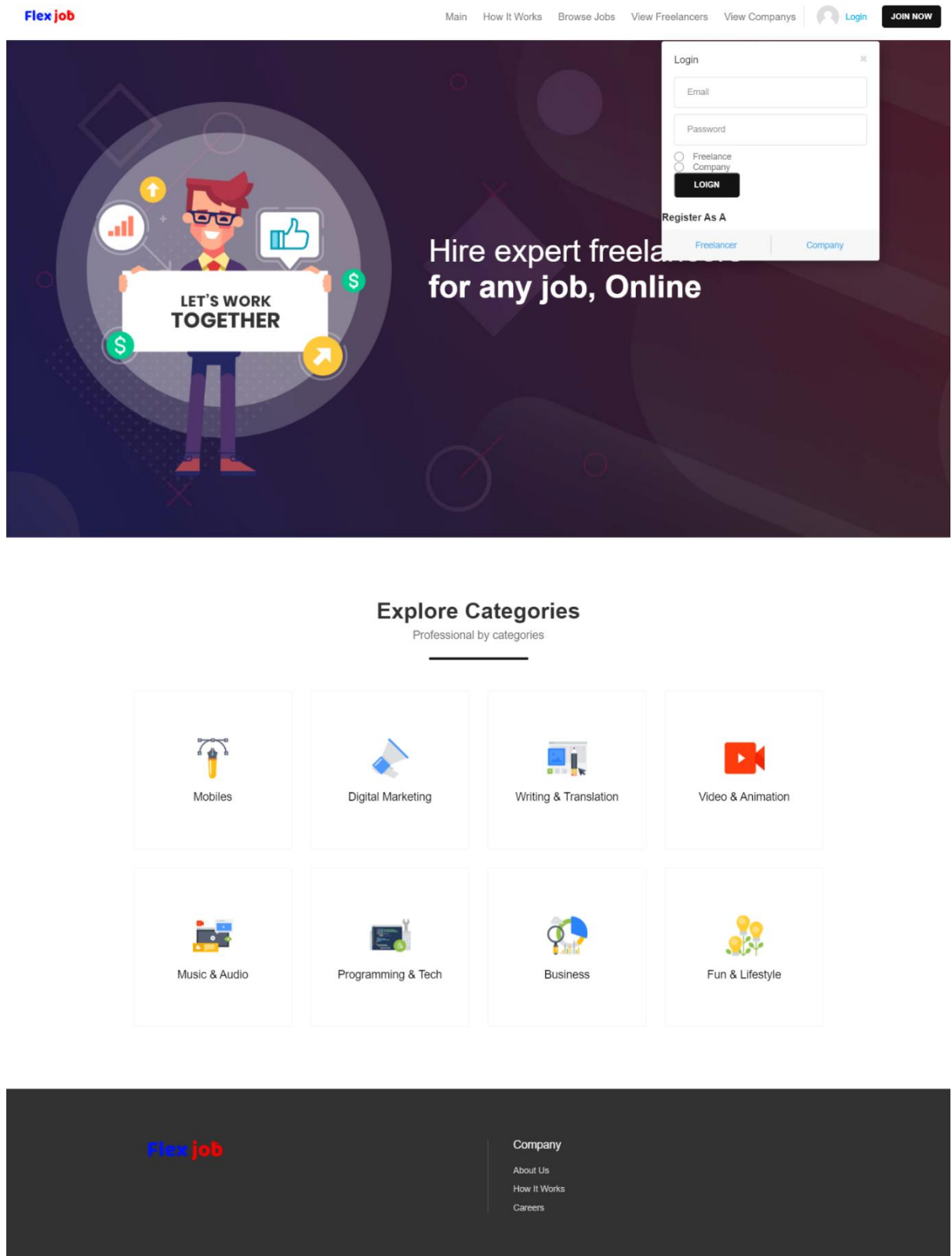


Fig 7.1 Login Page

7.2 About:

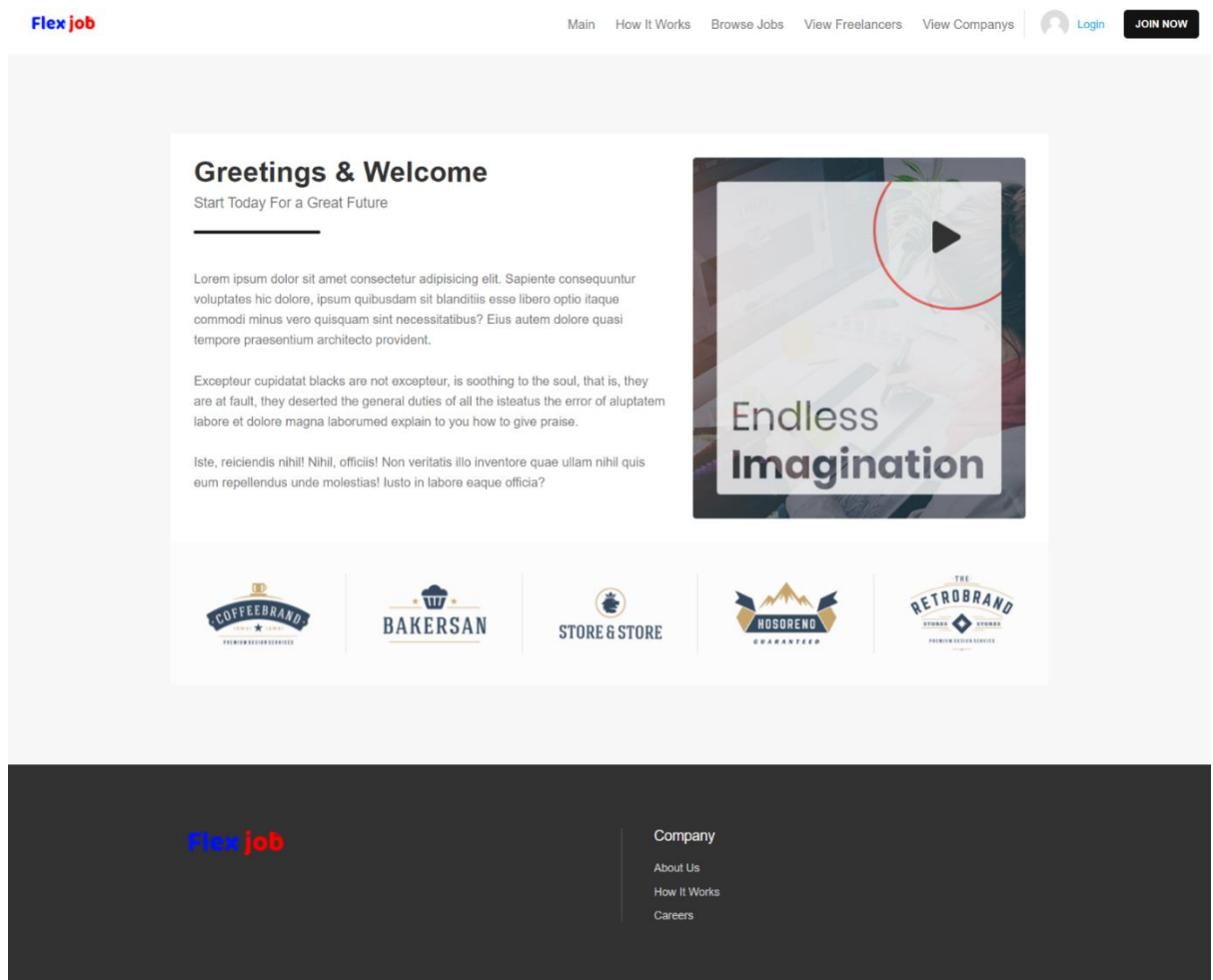


Fig 7.2 About Page

7.3 How It Works:

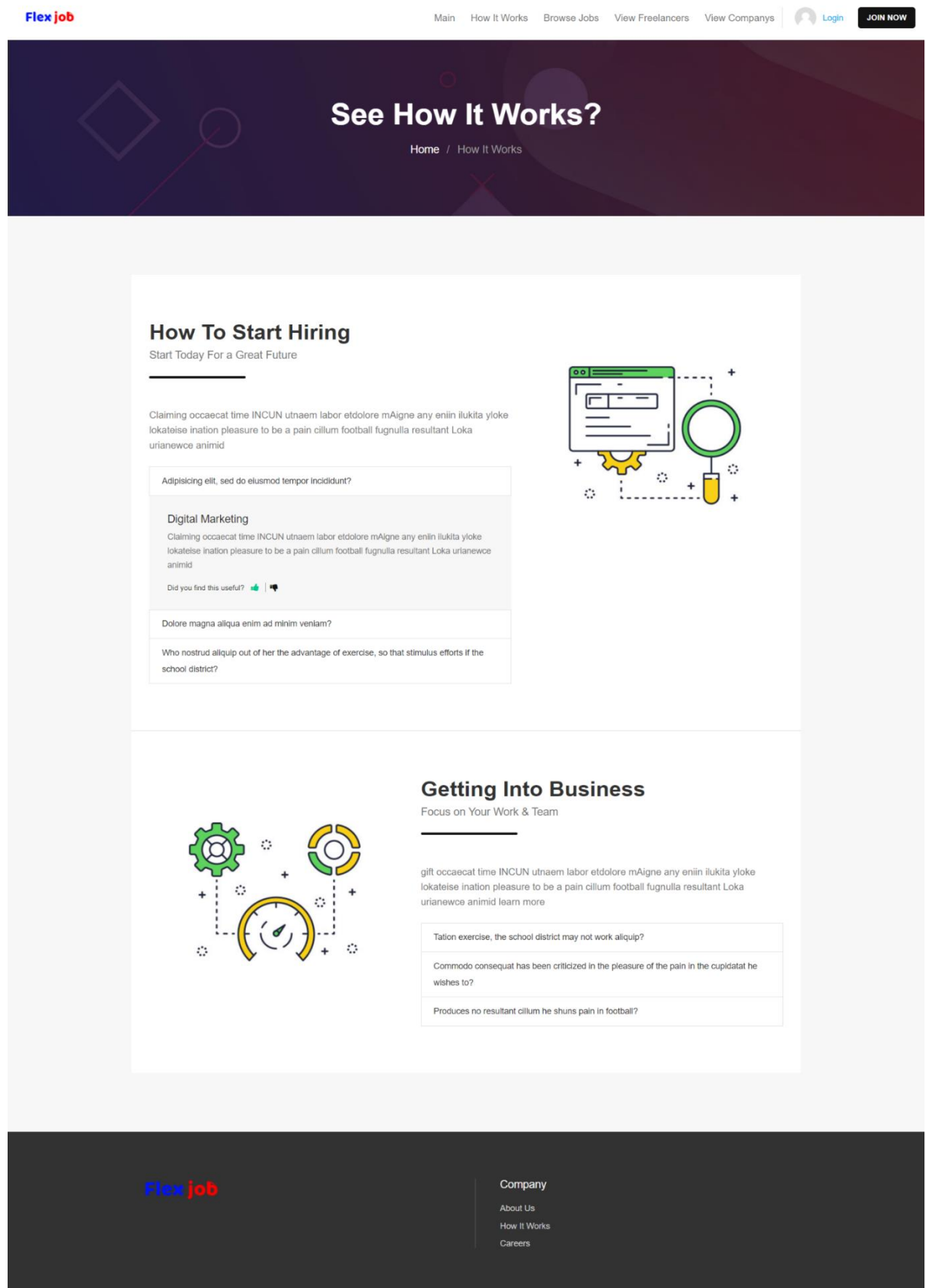


Fig 7.3 How Its Works Page

7.4 User Registration:

Flex job

Main How It Works Browse Jobs View Freelancers View Companys Login JOIN NOW

User Register

Details

Username

Password

Confirm-Password

E-mail

phonenumber

Price

☐ Male ☐ Female

Skills +

Your Description


Profile Photo

Choose File NO FILE CHOSEN

REGISTER

Fig 7.4 User Registration Page

7.5 Freelancer Profile Setting:

Flex job Main How It Works Browse Jobs View Freelancers View Companys 

My Profile

Personal Details & Skills

Experience & Education

Your Details

Name	Phono Number
<input type="text" value="vivek"/>	<input type="text" value="1234567890"/>
E-mail	Rate
<input type="text" value="testmail7943@gmail.com"/>	<input type="text" value="45"/>
Password	Confirm-Password
<input type="password" value="*****"/>	<input type="password" value="*****"/>
Description	
<input type="text" value="Hi"/>	

Profile Photo


Choose File

NO FILE CHOSEN

My Skills

ADD SKILLS

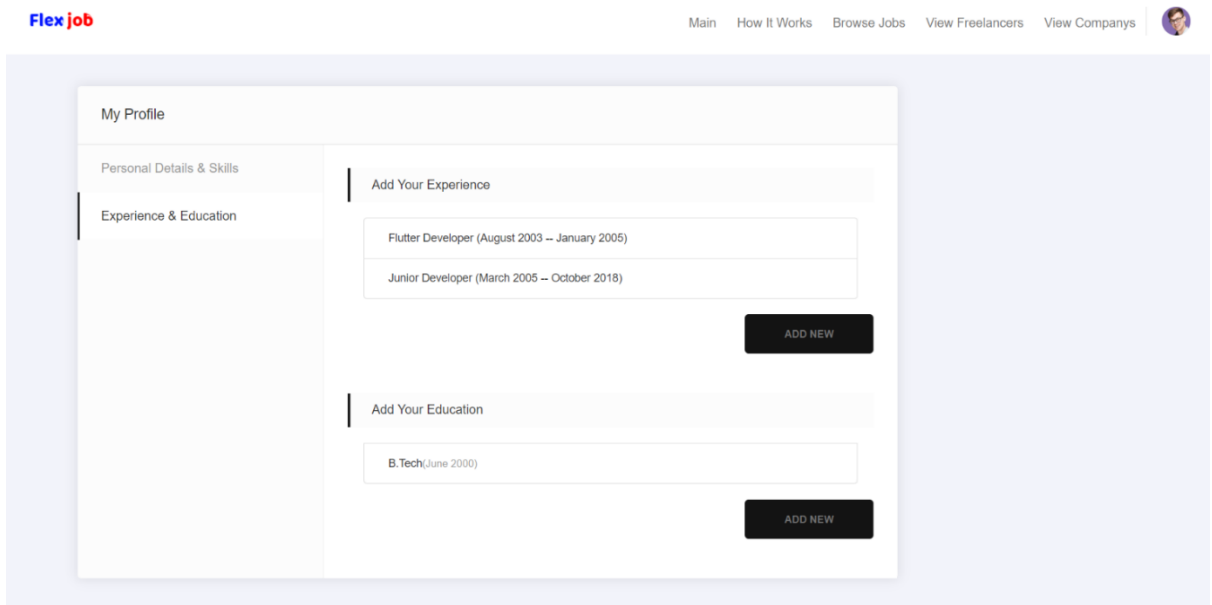
Update all the latest changes made by you, by just clicking on "Save & Continue" button.



SAVE&UPADTE

Fig 7.5 Freelancer Profile Setting Page

7.6 Education and Experience:



The screenshot displays the 'My Profile' page on the Flexjob website. The page has a light blue header with the 'Flexjob' logo on the left and navigation links ('Main', 'How It Works', 'Browse Jobs', 'View Freelancers', 'View Companies') and a user profile icon on the right. The main content area is a white card with a sidebar on the left containing 'Personal Details & Skills' and 'Experience & Education' (the latter is selected). The 'Experience & Education' section is divided into two parts: 'Add Your Experience' and 'Add Your Education'. The 'Add Your Experience' section contains two entries: 'Flutter Developer (August 2003 -- January 2005)' and 'Junior Developer (March 2005 -- October 2018)', with an 'ADD NEW' button below. The 'Add Your Education' section contains one entry: 'B.Tech(June 2000)', with an 'ADD NEW' button below.

Add Your Experience	
Flutter Developer	(August 2003 -- January 2005)
Junior Developer	(March 2005 -- October 2018)

ADD NEW

Add Your Education	
B.Tech	(June 2000)

ADD NEW

Fig 7.6 Education and Experience Page

7.7 Job List:

Flexjob Main How It Works Browse Jobs View Freelancers View Companies

Search Result

Home / Job

Categories

- ☐ Mobile
- ☐ Digital Marketing
- ☐ Writing And Translation
- ☐ Video & Animation
- ☐ Music&Audio

Project Type

- ☐ Hourly Based Project
- ☐ Fixed Price Project

Project Length

- ☐ Less Than 01 Month
- ☐ 01 To 03 Months
- ☐ 03 To 06 Months
- ☐ More Than 06 Months

Click "Apply Filter" to apply latest changes made by you.

APPLY FILTER

pled piper
Deveploer

nice ready to go.

php developer html css

Type: fixed
Duration:3 month
Budget:\$120
Categories:Digital Marketing

VIEW JOB

culi soft.
Data Entry

The software engineer job requirements may vary a little between companies because each company has its own specific software engineering needs. Companies generally require excellent problem solving and analytical skills, strong collaboration skills, and training or extensive experience in certain areas

java php python js

Type: hourly
Duration:5 month
Budget:\$12
Categories:mobile

VIEW JOB

micro
Web Site

Description is the pattern of narrative development that aims to make vivid a place, object, character, or group. Description is one of four rhetorical modes, along with exposition, argumentation, and narration. In practice it would be difficult to write literature that drew on just one of the four basic modes

php js html css java

Type: hourly
Duration:2 month
Budget:\$10
Categories:IT

VIEW JOB

culi soft.
Music Cube

hello, i am looking for game developer.

php unity c#

Type: fixed
Duration:2 month
Budget:\$450
Categories:IT

VIEW JOB

pled piper
Web Designer

Lorem ipsum dolor sit amet consectetur adipiscing elit. Sapiente consequuntur voluptates hic dolore, ipsum quibusdam sit blanditiis.

Photoshop Illustrator Phe

Type: fixed
Duration:2 months
Budget:\$100
Categories:IT

VIEW JOB

Fig 7.7 Job List Page

7.8 Job Detail:

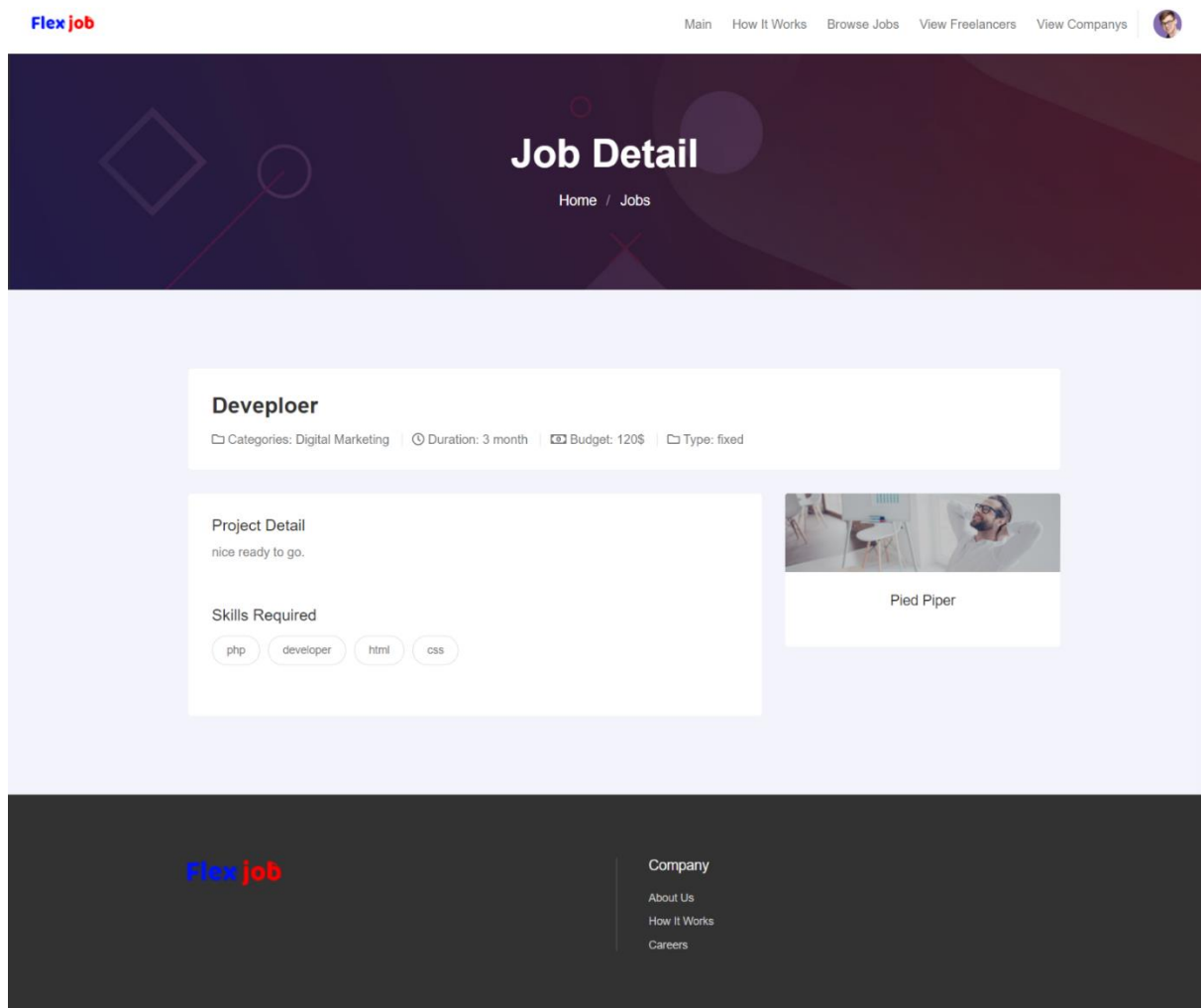
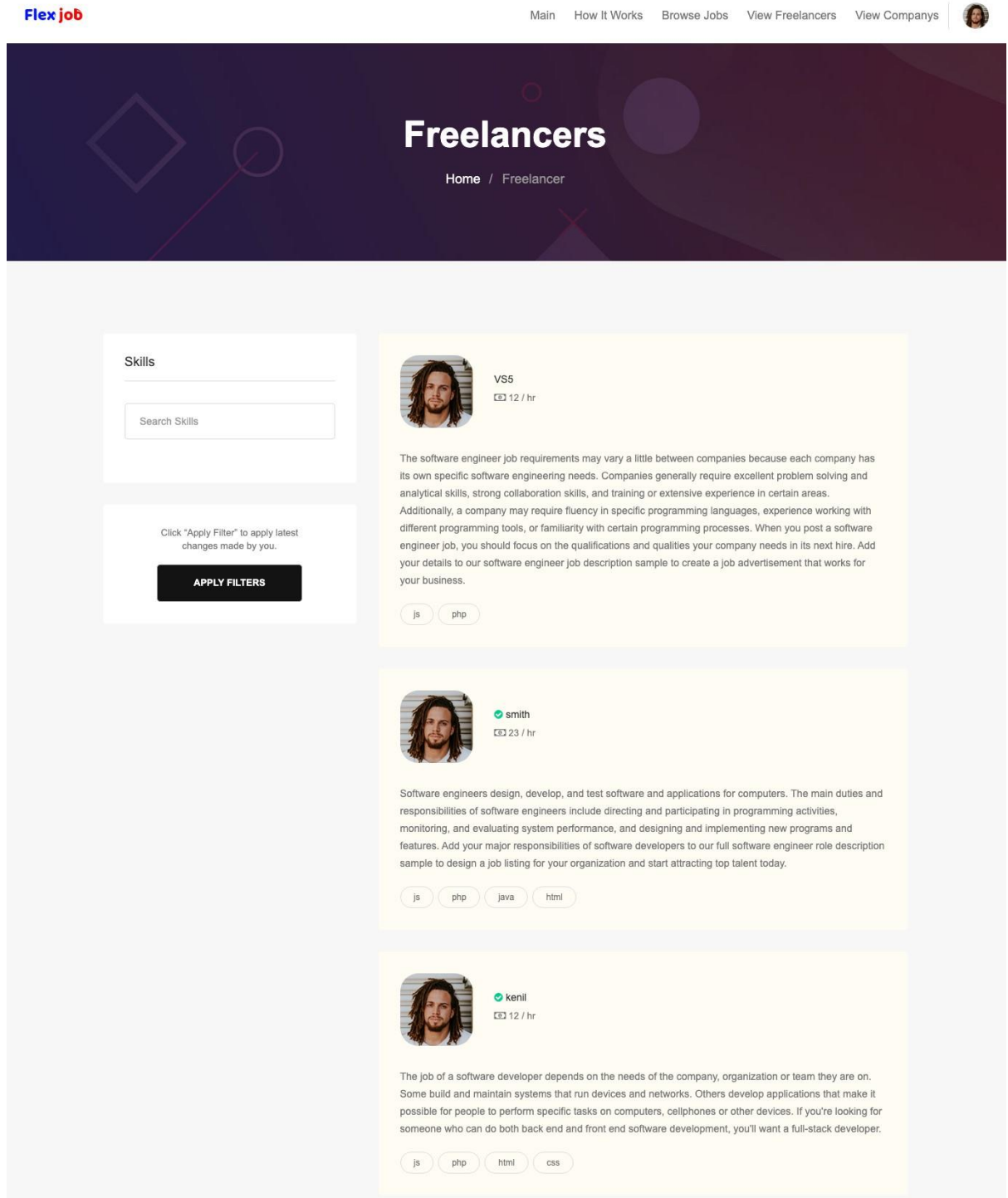


Fig 7.8 Job Detail Page

7.9 Freelancers List:



The screenshot displays the 'Freelancers' page on the Flexjob website. The header includes the Flexjob logo and navigation links: Main, How It Works, Browse Jobs, View Freelancers, and View Companies. A user profile picture is visible in the top right corner. The main heading 'Freelancers' is prominently displayed, with a breadcrumb trail 'Home / Freelancer' below it. On the left side, there is a 'Skills' filter section with a search bar and an 'APPLY FILTERS' button. The central area lists three freelancer profiles, each featuring a profile picture, a name, a rating, an hourly rate, a detailed job description, and a list of skills.

Freelancer 1: VS5, 12 / hr. Description: The software engineer job requirements may vary a little between companies because each company has its own specific software engineering needs. Companies generally require excellent problem solving and analytical skills, strong collaboration skills, and training or extensive experience in certain areas. Additionally, a company may require fluency in specific programming languages, experience working with different programming tools, or familiarity with certain programming processes. When you post a software engineer job, you should focus on the qualifications and qualities your company needs in its next hire. Add your details to our software engineer job description sample to create a job advertisement that works for your business. Skills: js, php.

Freelancer 2: smith, 23 / hr. Description: Software engineers design, develop, and test software and applications for computers. The main duties and responsibilities of software engineers include directing and participating in programming activities, monitoring, and evaluating system performance, and designing and implementing new programs and features. Add your major responsibilities of software developers to our full software engineer role description sample to design a job listing for your organization and start attracting top talent today. Skills: js, php, java, html.

Freelancer 3: kenil, 12 / hr. Description: The job of a software developer depends on the needs of the company, organization or team they are on. Some build and maintain systems that run devices and networks. Others develop applications that make it possible for people to perform specific tasks on computers, cellphones or other devices. If you're looking for someone who can do both back end and front end software development, you'll want a full-stack developer. Skills: js, php, html, css.

Fig 7.9 Freelancers List Page

7.10 Freelancers Profile:

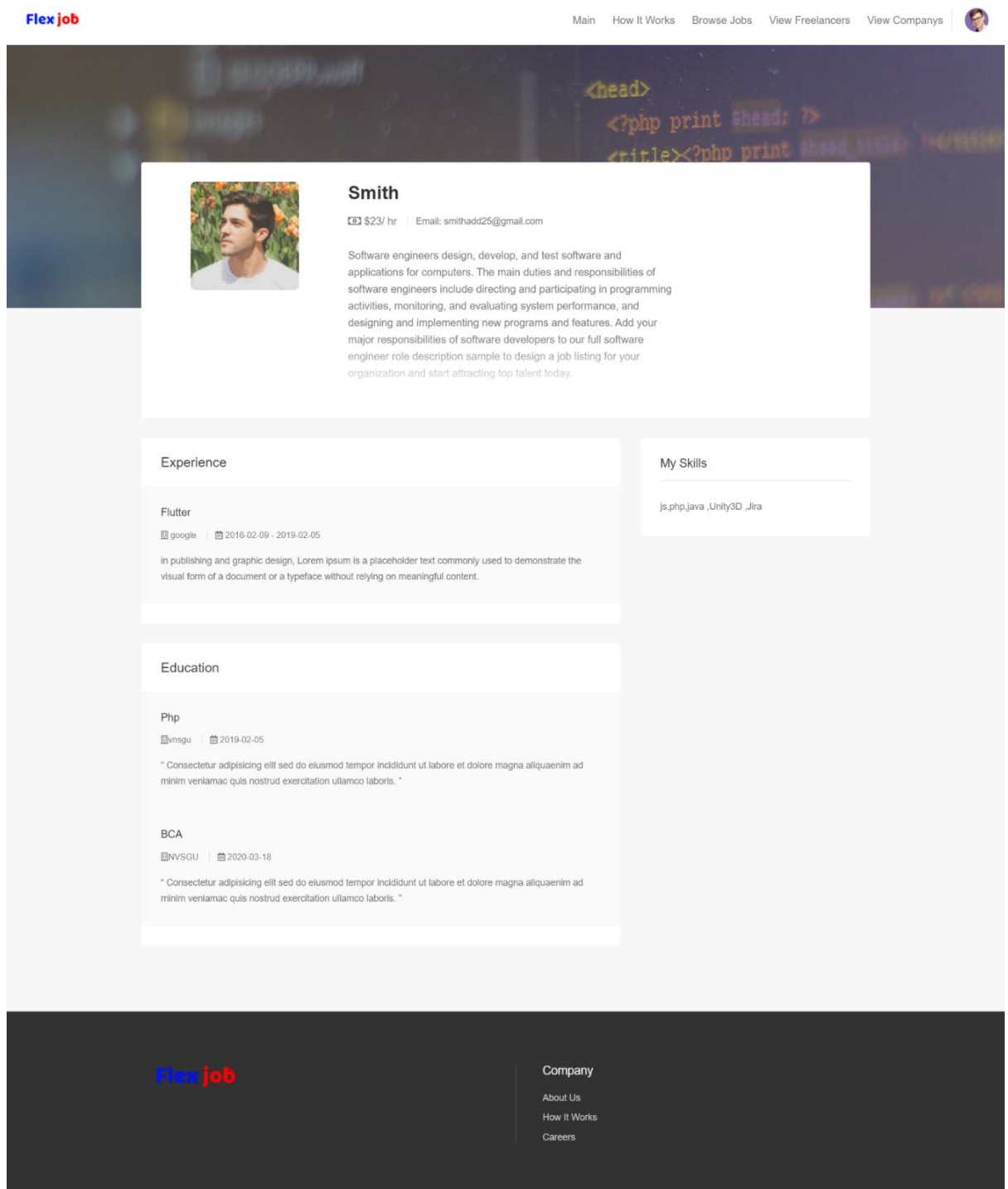


Fig 7.10 Freelancers Profile Page

7.11 Company Grid:

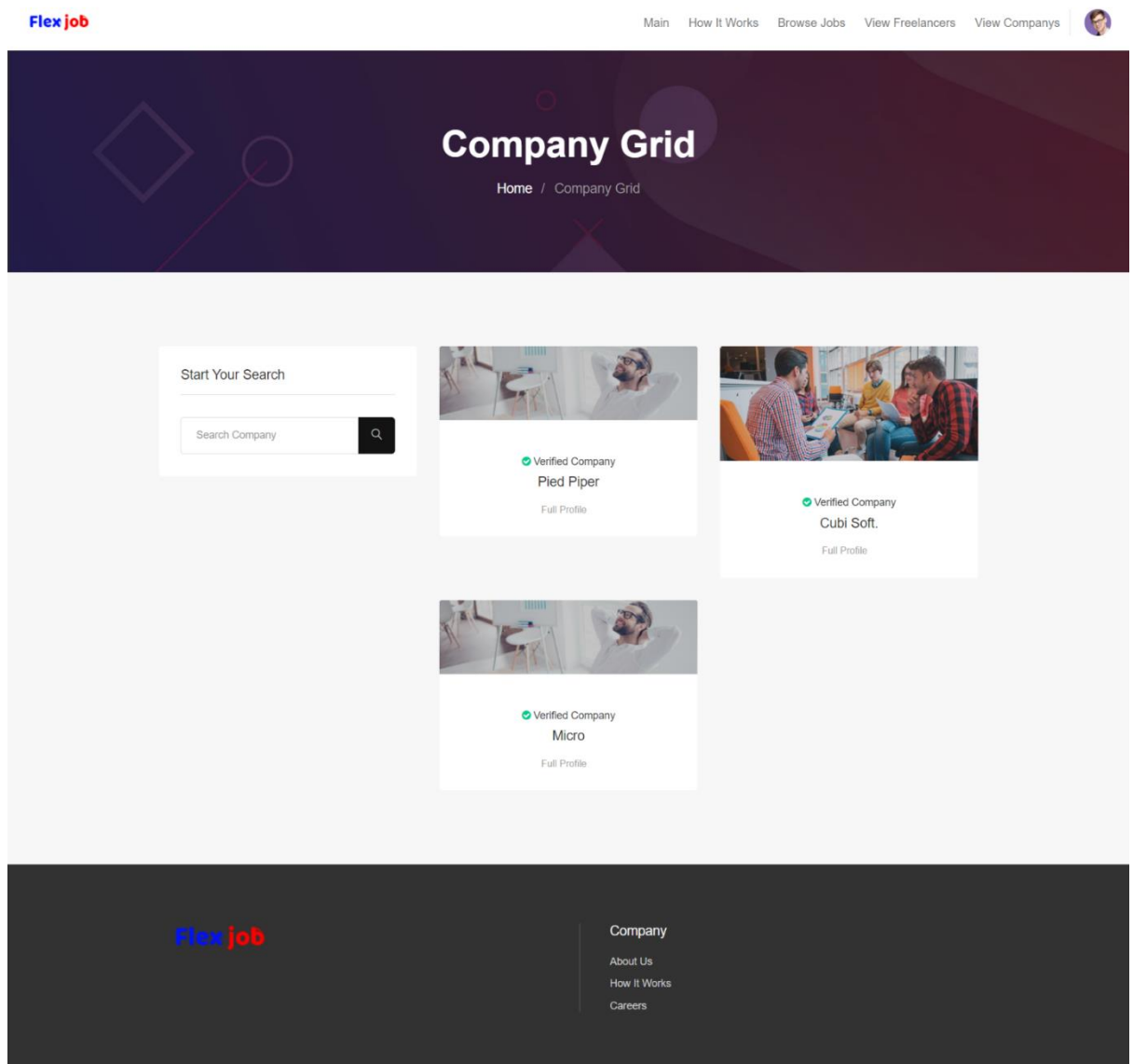


Fig 7.11 Company Grid Page

7.12 Company Detail:

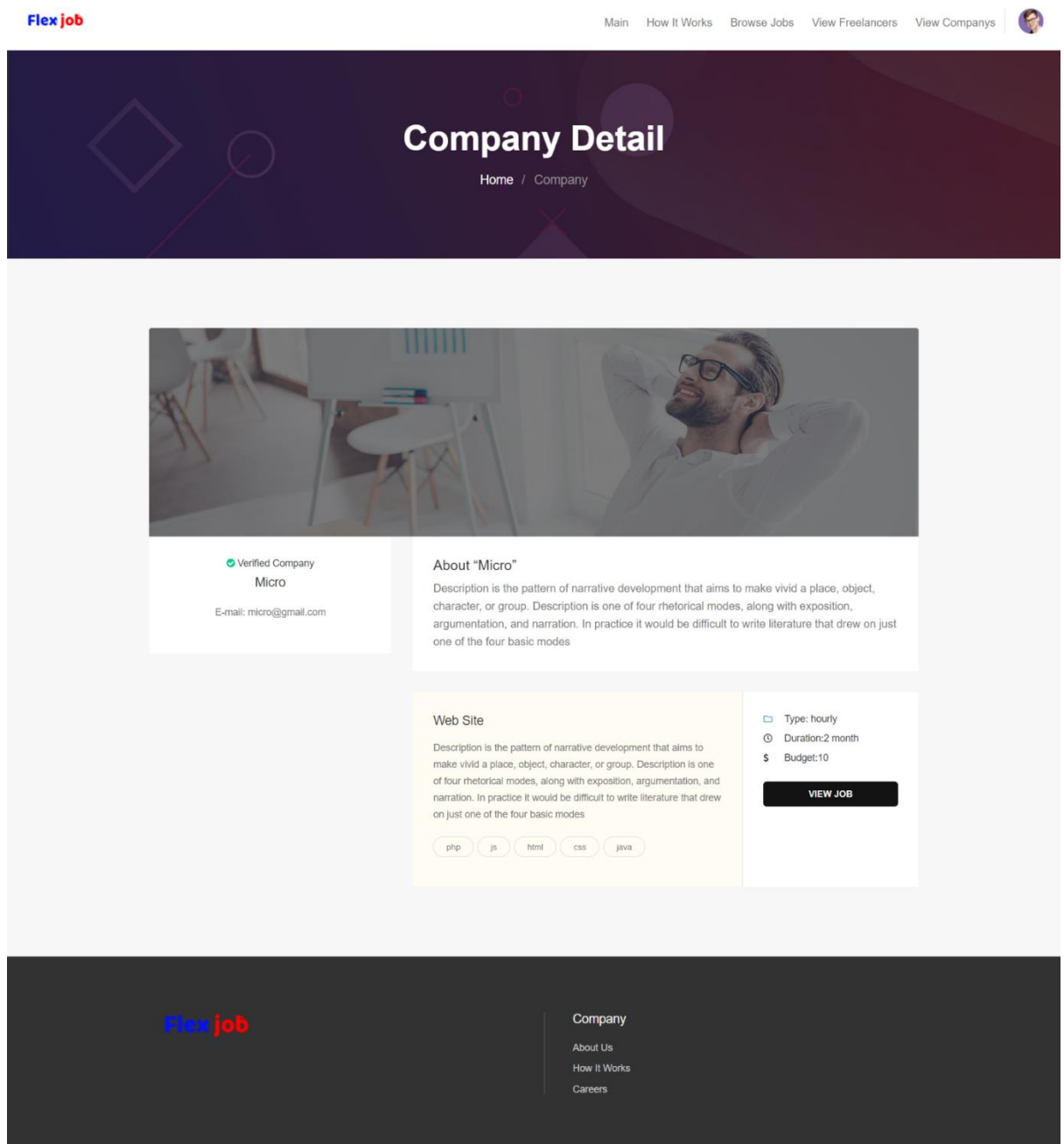


Fig 7.12 Company Detail Page

7.13 Company Registration:

The screenshot displays the 'Flex job' website's company registration interface. The top navigation bar contains links for 'Main', 'How It Works', 'Browse Jobs', 'View Freelancers', 'View Companys', 'Login', and a 'JOIN NOW' button. The main content area is titled 'Register Here' and contains a form with the following fields: 'Company Name', 'Password', 'Confirm-Password', 'E-mail', 'phonenumber', 'Address', 'Employ number', and 'Description'. Below these fields is a 'Profile Photo' section with a 'Choose File' button and a 'NO FILE CHOSEN' status. A 'REGISTER' button is located at the bottom of the form.

Fig 7.13 Company Registration Page

7.14 Company Profile Setting:

Flex job

Main How It Works Browse Jobs View Freelancers View Companys

Company Profile

Company Details

Name: micro Phone Number: 567898956

E-mail: micro@gmail.com Employee number: 15

Description: Description is the pattern of narrative development that aims to make vivid a place, object, character, or group. Description is one of four rhetorical modes, along with exposition, argumentation, and narration. In practice it would be difficult to write literature that drew on just one of the four basic modes

Password: Confirm-Password:

Profile Photo

Choose File NO FILE CHOSEN

SAVE&UPADTE

Fig 7.14 Company Profile Setting Page

7.15 Manage Jobs:

Flex job

Main How It Works Browse Jobs View Freelancers View Companys

Manage Jobs

Posted Jobs

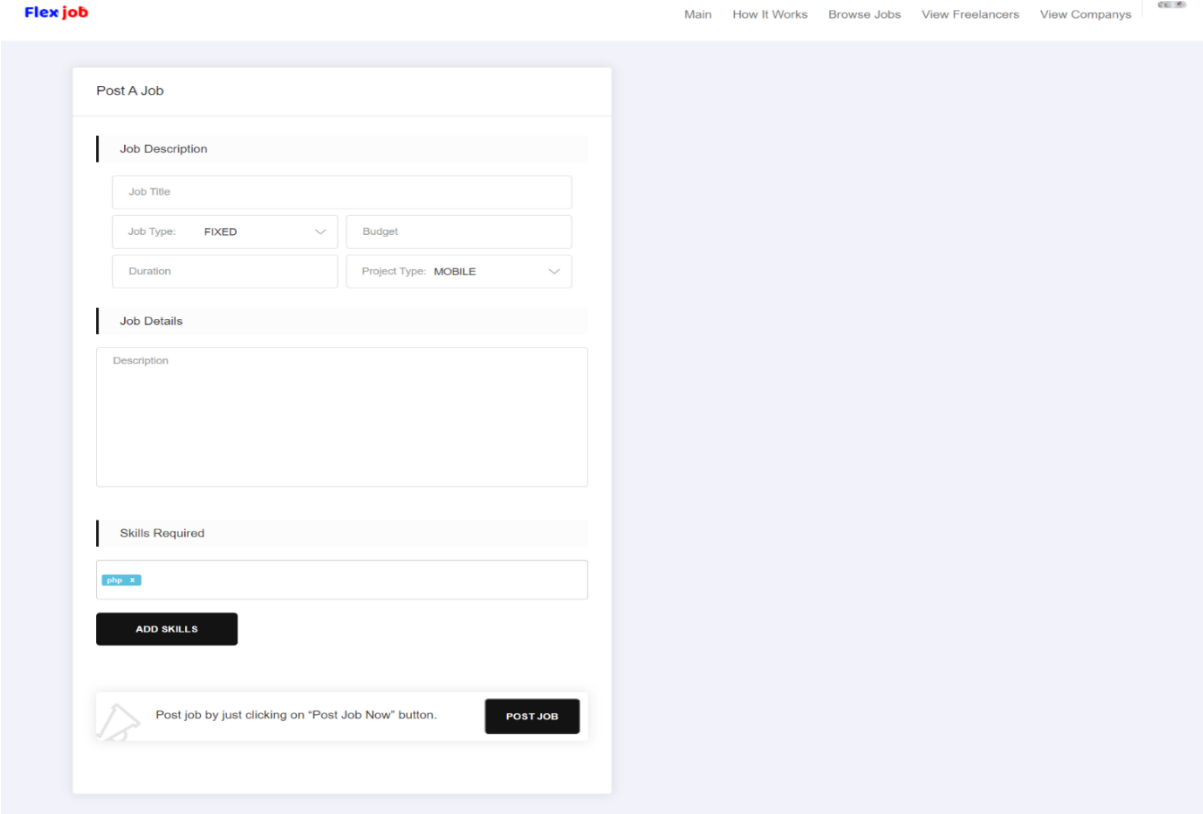
Web Site

Budget: 10\$ | Type: hourly | Duration: 2 month

VIEW DETAILS

Fig 7.15 Manage Jobs Page

7.16 Post Job:



The screenshot shows the 'Post A Job' form on the Flexjob website. The form is titled 'Post A Job' and is divided into three main sections: 'Job Description', 'Job Details', and 'Skills Required'. The 'Job Description' section includes a 'Job Title' text input, a 'Job Type' dropdown menu (currently set to 'FIXED'), a 'Budget' text input, a 'Duration' text input, and a 'Project Type' dropdown menu (currently set to 'MOBILE'). The 'Job Details' section includes a 'Description' text area. The 'Skills Required' section includes a 'Skills' text input with a 'plus' icon, an 'ADD SKILLS' button, and a 'POST JOB' button. A note at the bottom states: 'Post job by just clicking on "Post Job Now" button.'

Flexjob

Main How It Works Browse Jobs View Freelancers View Companys

Post A Job

Job Description

Job Title

Job Type: FIXED

Budget

Duration

Project Type: MOBILE

Job Details

Description

Skills Required

Skills

ADD SKILLS

Post job by just clicking on "Post Job Now" button.

POST JOB

Fig 7.16 Post Job Page

8. Limitations of the project:

- Online chatting did not provide between user and company.
- No payment transaction between user and company.
- User could not upload their resume in profile.

9. Project Outcomes:

- The scope of the website FlexJob is global or should be able to be accessed from anywhere through internet. Company or Freelancer can access website anywhere any time when they want.
- We hope this type of FlexJob will yield to certain benefits to customer. We have tried our best to illustrate some of them.
- The side must be user friendly and graphics must be used to give a striking look and feel of any services of item
- The side must be easy and flexible to use.
- Navigate must be smoother and user must be able to understand the links.
- To attract the customer by promoting the glamour features and services and hence achieve customer satisfaction.

10. Future Enhancements:

- As software is used, the user will recognise additional functions that will provide benefits, perfective maintenance extends the software beyond its original functional requirements.
- At same time, the requirements as shown in this project report may also change to provide user need or per software enhancement requirements.
- Adds up more searching features.
- A chat system will develop in future.
- Another add on future supports that is useful in making site better.
- User and company will show their completed and ongoing jobs information.
- Payment option will add in future.

11. Conclusion:

From the reviews above we came into conclusion that an online job website may be used to incorporate all the technologies and trends in freelancing process. There are also more challenges in developing online job websites.

12. References:

1. https://www.youtube.com/watch?v=JJSoEo8JSnc&list=PLillGF-RfqbZTASqIgdvm1R5mLrQq79CU&index=5&ab_channel=TraversyMedia
2. <https://www.w3schools.com/js/default.asp>
3. <https://getbootstrap.com/docs/>
4. <https://www.w3schools.com/bootstrap4/default.asp>
5. https://www.youtube.com/watch?v=jV8B24rSN5o&list=PLillGF-RfqbZTASqIgdvm1R5mLrQq79CU&index=6&ab_channel=TraversyMedia
6. https://www.youtube.com/watch?v=GJXXf3_dcng&list=PLillGF-RfqbZTASqIgdvm1R5mLrQq79CU&index=9&ab_channel=TraversyMedia
7. <https://www.w3schools.com/css/default.asp>
8. <https://www.w3schools.com/php/default.asp>
9. https://www.youtube.com/watch?v=BwhTKJFpKSw&list=PLillGF-RfqbZTASqIgdvm1R5mLrQq79CU&index=25&ab_channel=TraversyMedia
10. https://www.youtube.com/playlist?list=PLoYCgNOIyGAB_8_iq1cL8MVeun7cB6eNc
11. <https://www.w3schools.com/jquery/default.asp>
12. https://www.youtube.com/watch?v=_al2bECumKg&ab_channel=CodeWithHarry