

# Open Freelance hub

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## User Manual

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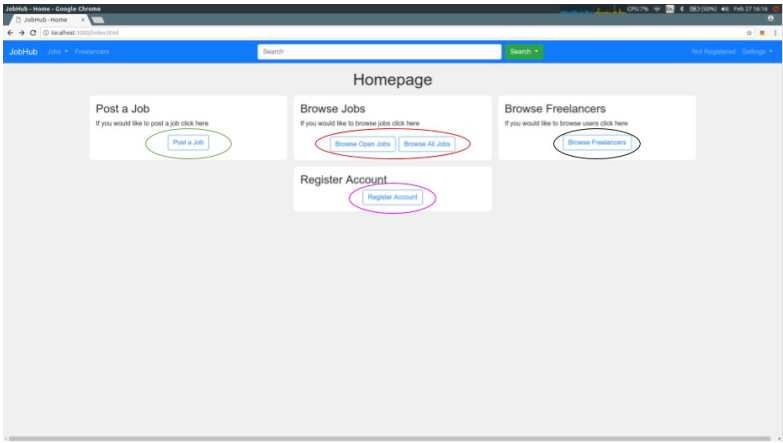
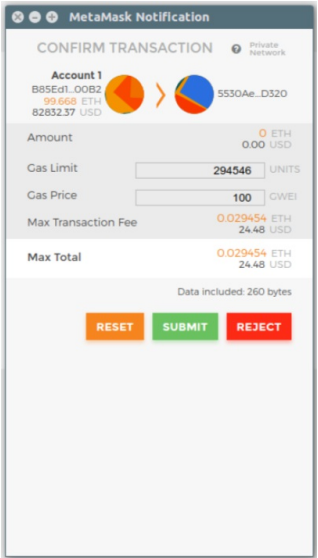
Dean Lynch & David Weir

## Table of Contents

- [1. General](#)
- [2. Page Walkthroughs](#)
  - [2.1 Navigation Bar](#)
  - [2.2 Account Page](#)
  - [2.3 Job Page](#)
- [3. Functionality Walkthroughs](#)
  - [3.1 Registering an Account](#)
  - [3.2 Posting a Job](#)
  - [3.3 Browse Jobs](#)
  - [3.4 Applying to Work for a Job](#)
  - [3.5 Accepting an Application for a Job](#)
  - [3.6 Cancelling a Job](#)
  - [3.7 Completing a Job](#)

# 1. General

- The homepage provides simple navigation of the site, you can navigate to the job posting page (Green), the register account page (Pink), browse jobs (Red), and browse all users (Black)
- The MetaMask Chrome extension can provide access to ethereum Dapps, the MetaMask pop-up can allows you to approve transactions from your chrome browser. The 'SUBMIT' button will accept the transaction, the 'REJECT' button will cancel the transaction and no ETH will be removed from the user account.

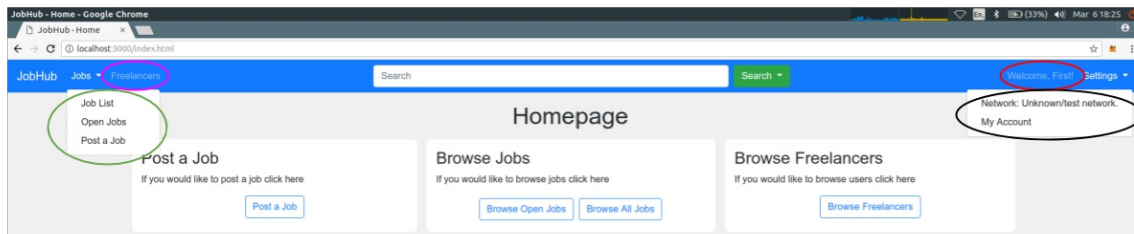
Homepage	MetaMask Transaction
 <p>The screenshot shows the JOBBUS homepage with a blue header and a search bar. The main content area has three columns: 'Post a Job' with a green 'Post a Job' button, 'Browse Jobs' with red 'Browse Open Jobs' and 'Browse All Jobs' buttons, and 'Browse Freelancers' with a black 'Browse Freelancers' button. A 'Register Account' section at the bottom has a pink 'Register Account' button. The browser's address bar shows 'localhost:3000/index.html'.</p>	 <p>The screenshot shows a MetaMask transaction confirmation pop-up. It displays 'CONFIRM TRANSACTION' for 'Account 1' (B85Ed1...00B2) on the 'Private Network'. The transaction details include: Amount (0.00 ETH / 0.00 USD), Gas Limit (294546 UNITS), Gas Price (100 GWEI), and Max Transaction Fee (0.029454 ETH / 24.48 USD). The 'Max Total' is also 0.029454 ETH / 24.48 USD. At the bottom, there are three buttons: 'RESET' (orange), 'SUBMIT' (green), and 'REJECT' (red). The data included is 260 bytes.</p>

## 2. Page Walkthroughs

### 2.1 Navigation Bar

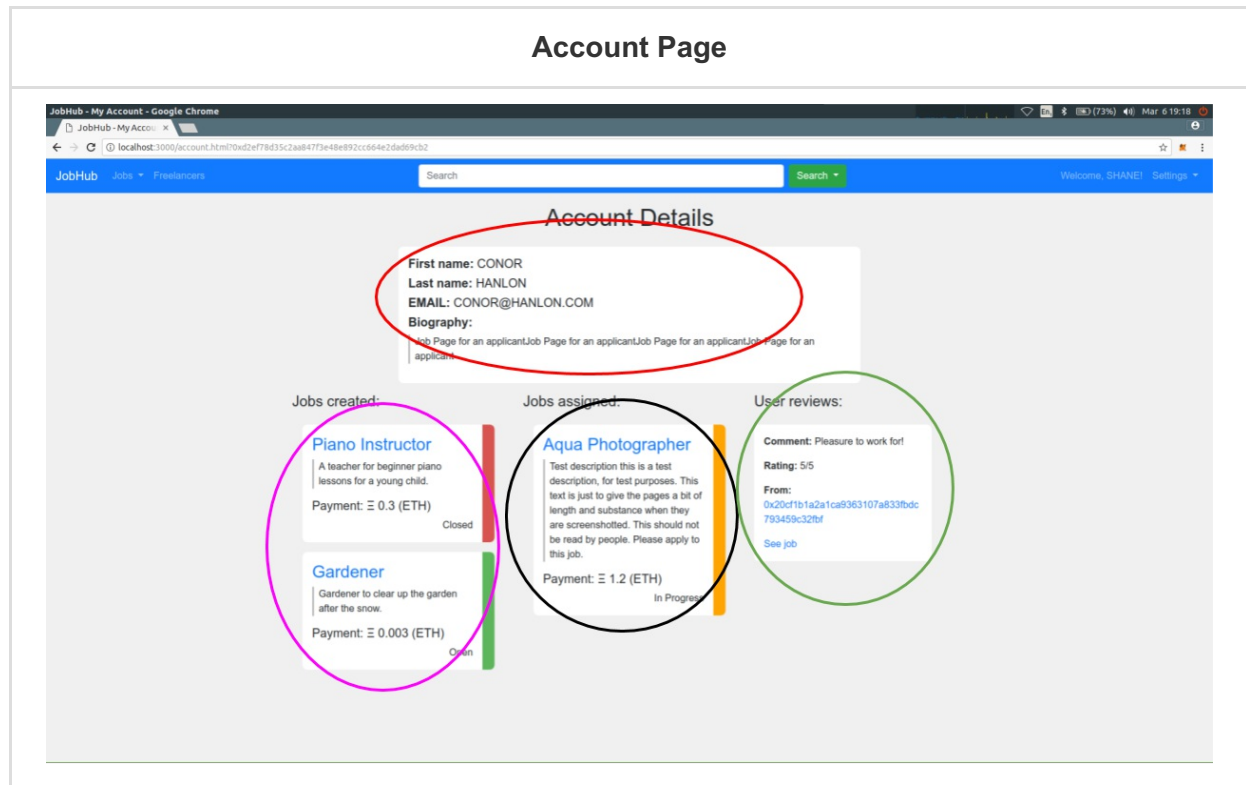
- The *jobs dropdown* on the navigation bar provides access to the open jobs list, the all jobs list and the post a job functionality.(Green)
- The *freelancers* link will take you to a list of all users on the site.(Pink)
- The *account information* is displayed on the right side of the navigation bar, it will state "Not registered" when not signed in or signed into an unregistered account. It will show the users firstname when signed into a registered account.(Red)
- The *settings dropdown* offers links to the account page and displays what type of network the browser is connected to. E.g. Private network or live network.(Black)

#### Navigation Bar



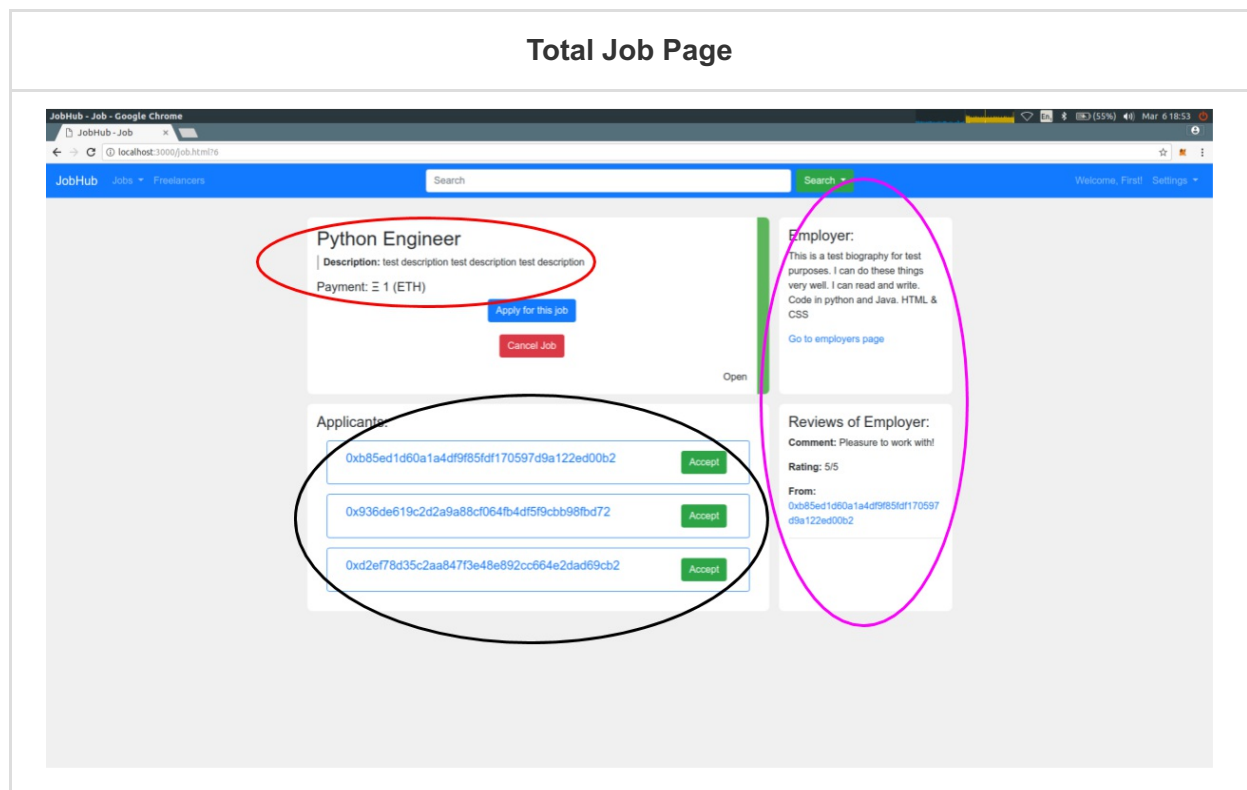
## 2.2 Account Page

- The account information is displayed at the top of the page. Firstname, Lastname, email and biography. (Red)
- A list of jobs created by the account is along the left side. (Pink)
- A list of jobs the account has been a worker on in the centre. (Black)
- A list of previous reviews of the account is along the right side. (Green)



## 2.3 Job Page

- The job information is displayed at the top of the page. Job title, description, payment amount. (Red)
- Information about the owner of the job is displayed on the right side of the page. Job Owner biography, and a list of passed reviews. (Pink)
- The list of applicants to the job is displayed at the bottom of the page. This is only displayed if the job owner is signed into their ethereum account. (Black)

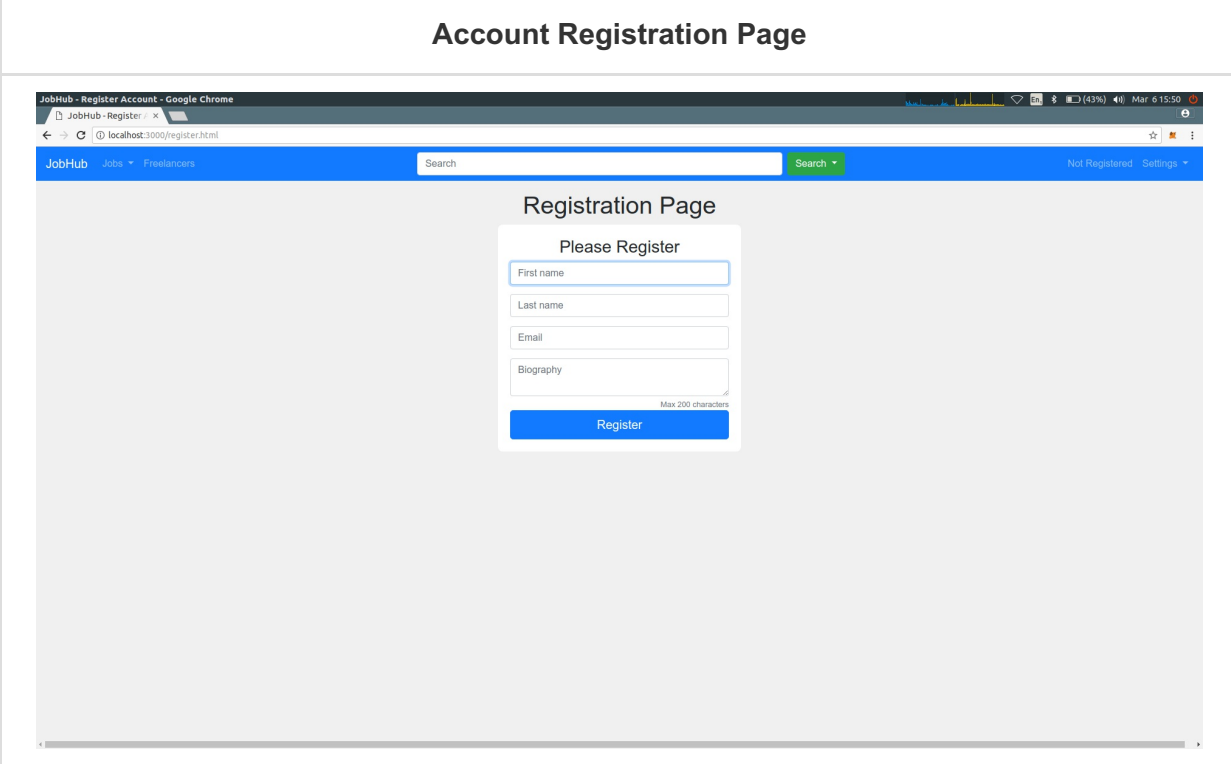


## 3. Functionality Walkthroughs

### 3.1 Registering an Account

1. Choose either “Not Registered”, "Register Account", or “Settings” and then “My Account”, these will take you to the account registration page.
2. Input the details for your account and choose “Register”.
3. Approve the transaction for the account registration using your ethereum browser.

### Account Registration Page

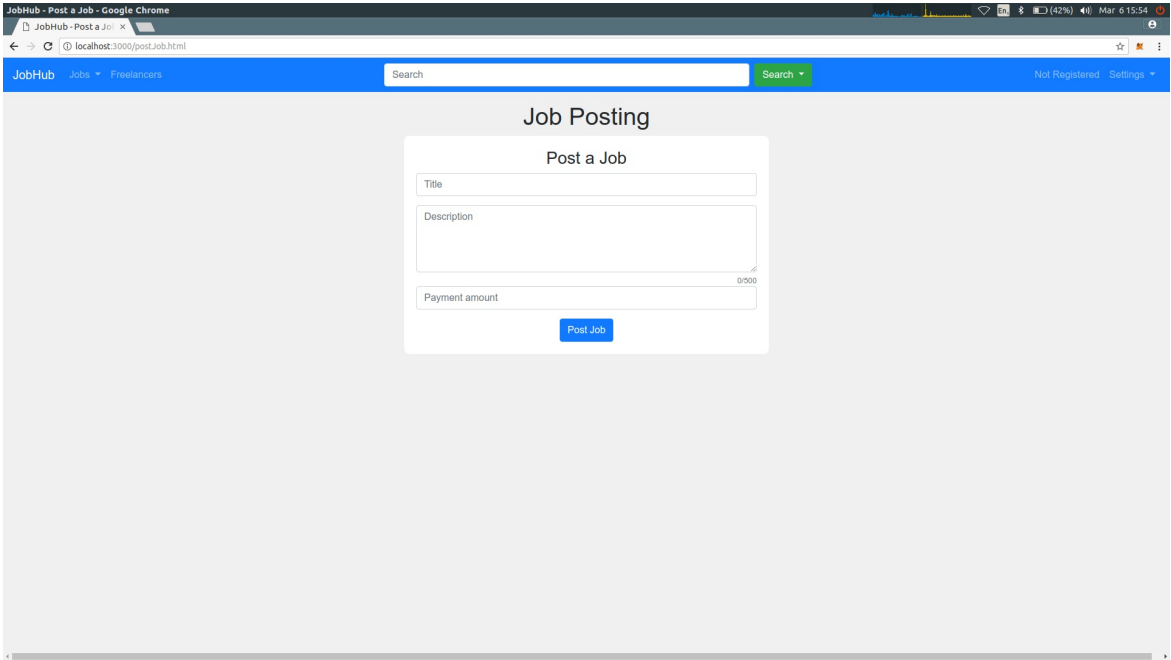


The screenshot shows a web browser window titled "JobHub - Register Account - Google Chrome". The address bar shows "localhost:3000/register.html". The page has a blue header with "JobHub" on the left, a search bar in the center, and "Not Registered" and "Settings" on the right. The main content area is light gray and contains a white registration form titled "Registration Page". The form has the sub-header "Please Register" and four input fields: "First name", "Last name", "Email", and "Biography". The "Biography" field has a "Max 200 characters" warning. A blue "Register" button is at the bottom of the form.

### 3.2 Posting a Job

1. If the account is registered, choose “Jobs” and then “Post a Job”, this will take you to the job creation page.
2. Input the details of the job you wish to post. The maximum size for a title is 50 characters & the maximum size for a description is 500 words.
3. The amount of payment you specify in the payment section will be withdrawn from your ethereum account.
4. Choose “Post Job”.
5. Approve the transaction for the job posting using your ethereum browser.

### Post Job Page

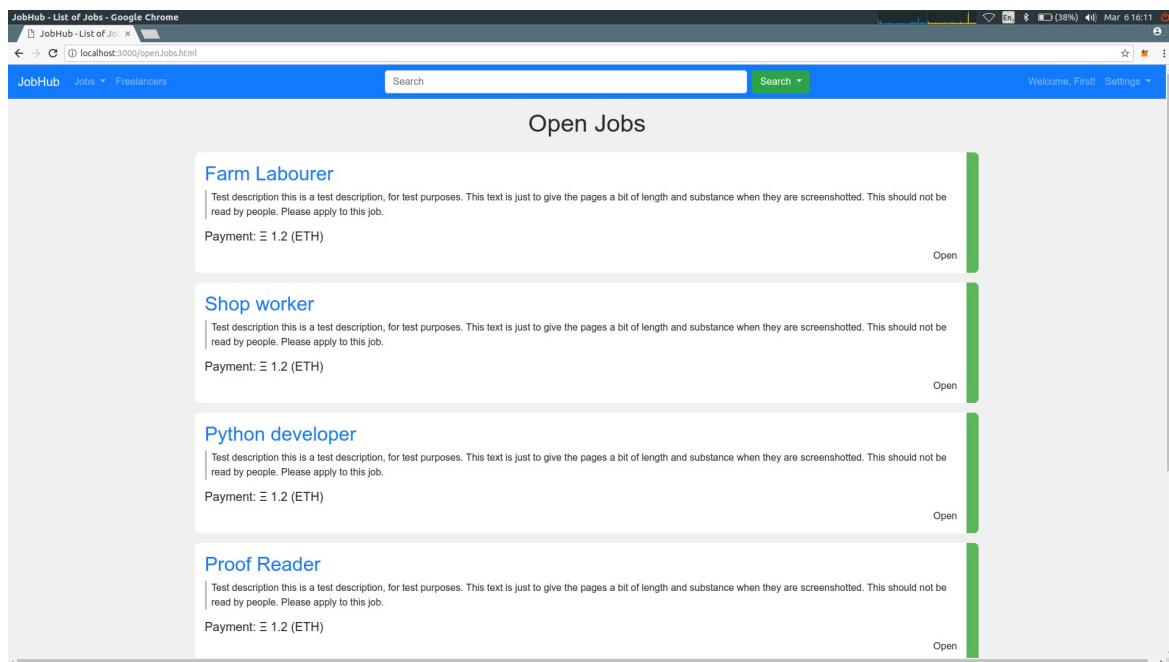


The screenshot shows a web browser window with the address bar displaying 'localhost:3000/postJob.html'. The page title is 'JobHub - Post a Job - Google Chrome'. The page layout includes a blue navigation bar with the 'JobHub' logo, links for 'Jobs' and 'Freelancers', a search bar, and a 'Search' button. The main content area is titled 'Job Posting' and features a 'Post a Job' form. The form contains three input fields: 'Title', 'Description', and 'Payment amount'. The 'Description' field has a character count of 0/500. Below the form is a blue 'Post Job' button.

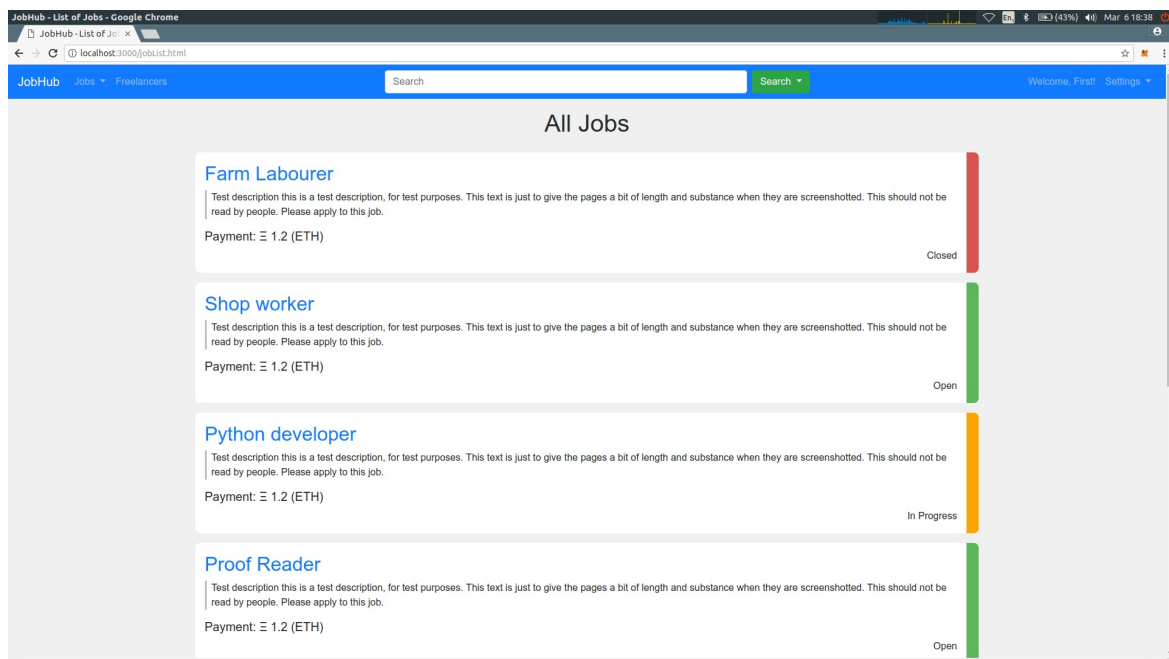
### 3.3 Browse Jobs

1. Choose “Jobs” and then “Job List” or “Open Jobs”, these will take you to a list of all jobs posted on the site or all open jobs on the site respectively.
2. You can now browse the list of jobs. The status of each job is displayed on the right-hand side of each job card.

#### Open Jobs



#### All Jobs

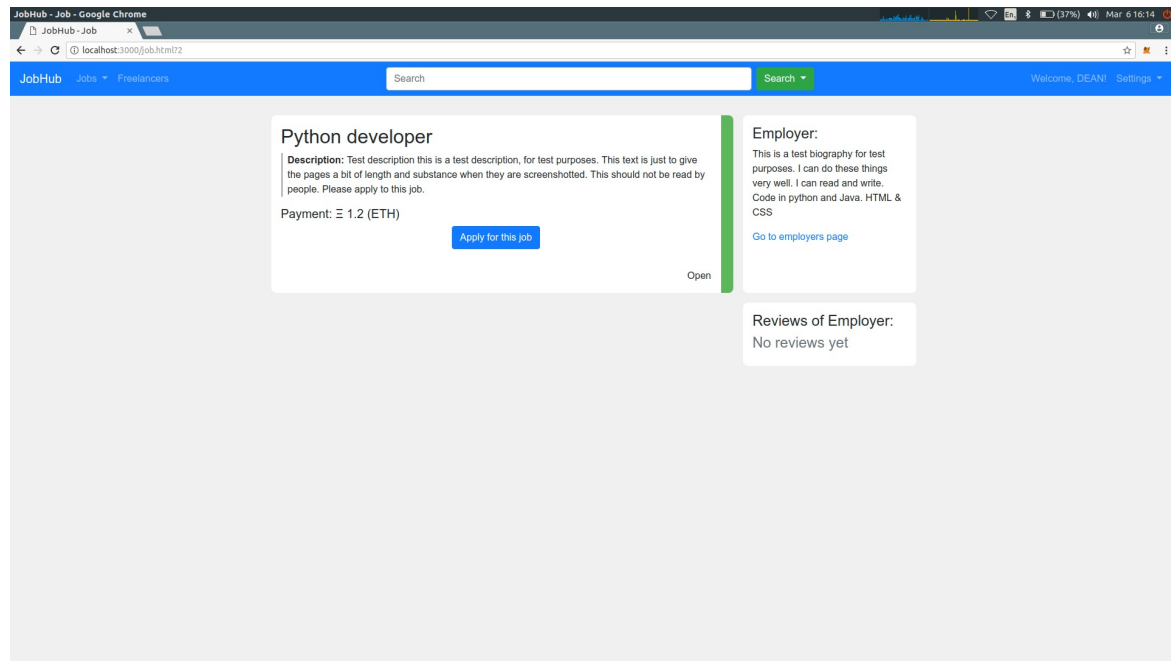




### 3.4 Applying to Work for a Job

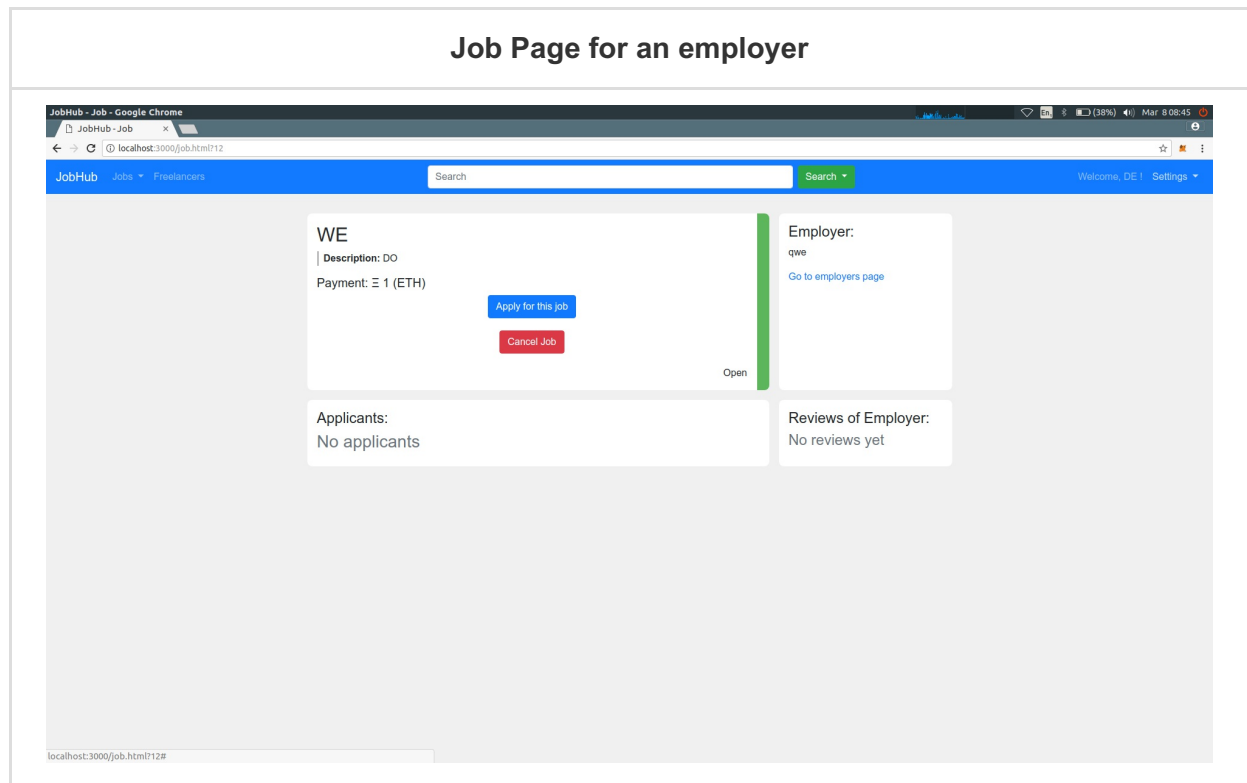
1. After finding a job you wish to apply to enter the job page by clicking on the title of the job.
2. Click “Apply” on the job page.
3. Approve the transaction for the application using your ethereum browser.

#### Job Page for an applicant



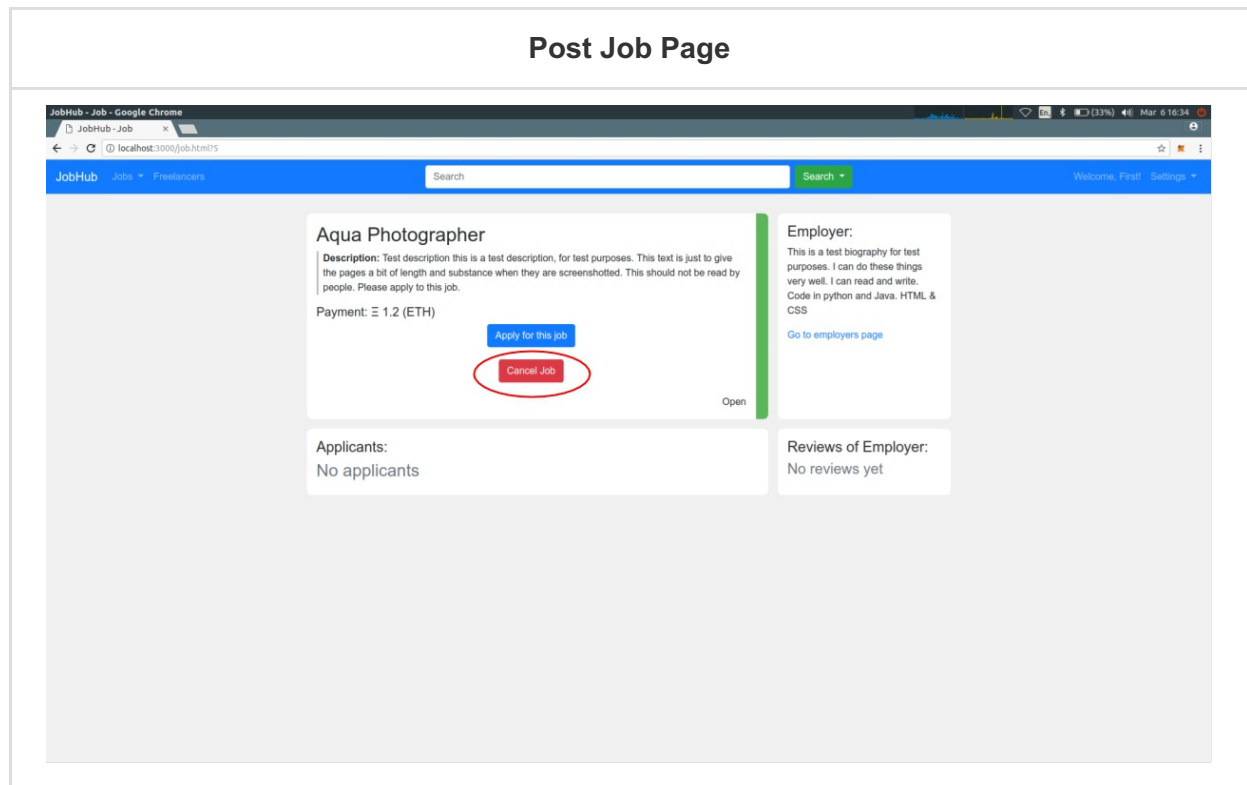
### 3.5 Accepting an Application for a Job

1. Enter the job page for the particular job, this page will display a list of all applicants if you are signed in as the owner of the job.
2. From this list, you can choose the “Accept” button beside the applicant you wish to accept. This will assign them as the worker for the job and mark the job as “In Progress”
3. Approve the transaction for worker assigning using your ethereum browser.



### 3.6 Cancelling a Job

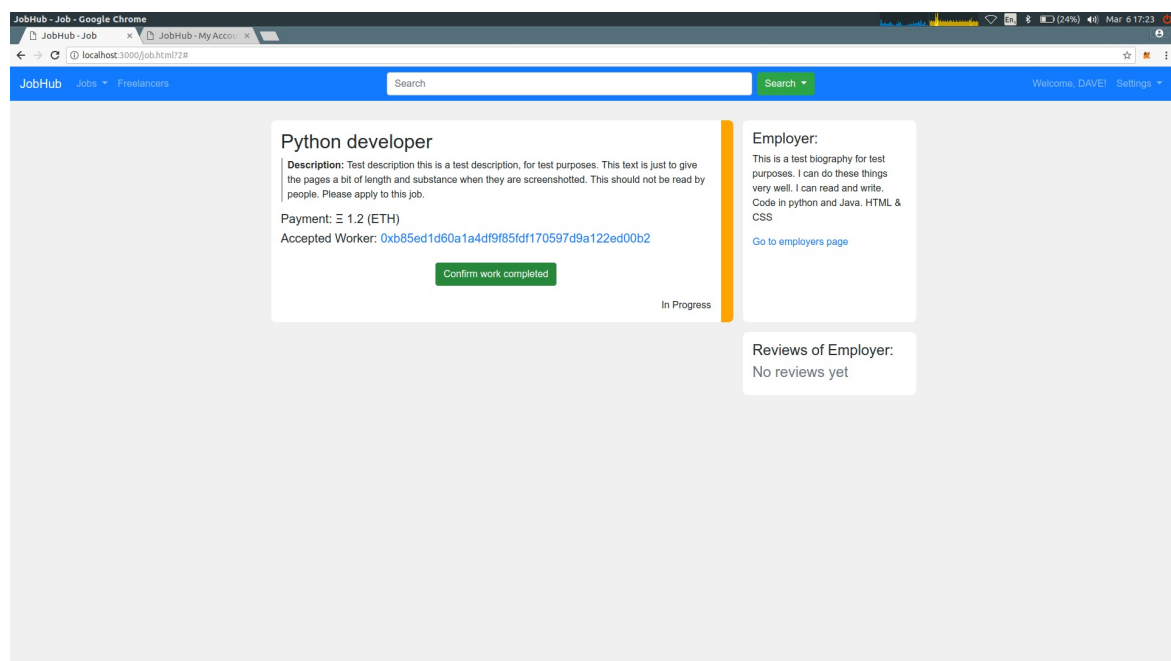
1. Enter the job page for the particular job.
2. Choose the “Cancel Job” button that is present only if you are the owner of the job.
3. Approve the cancellation transaction using your ethereum browser and the Ether posted when creating the job will be returned to your account.



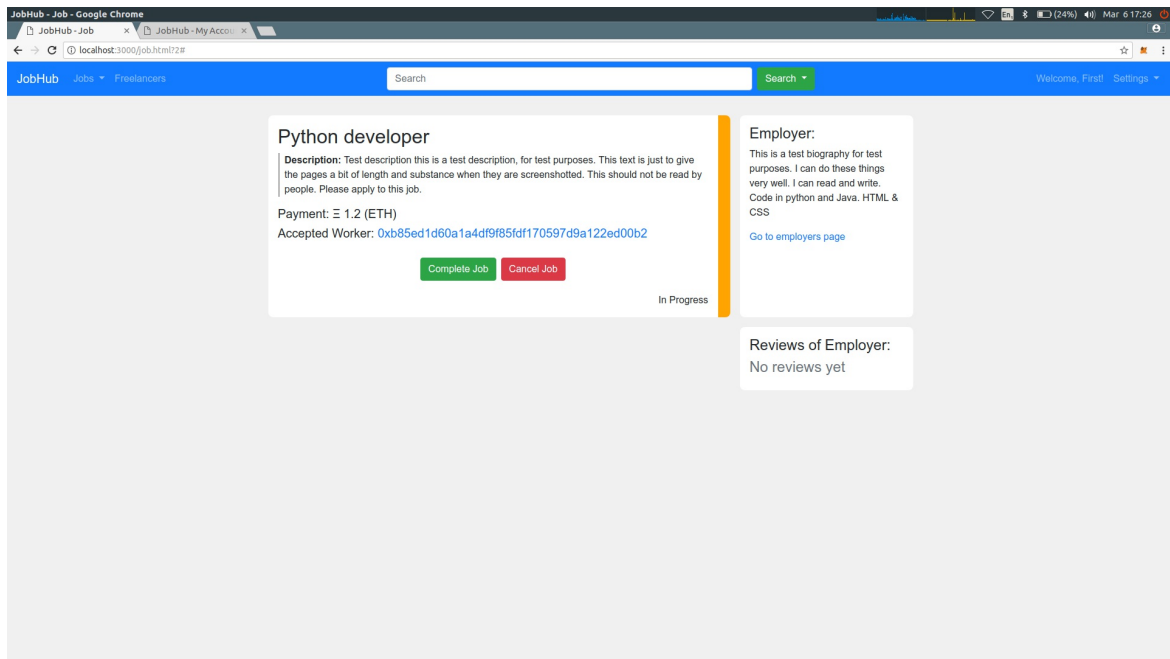
### 3.7 Completing a Job

1. Assign a worker to a job as explained previously.
2. The worker must mark the job as complete on the job page, the worker complete job button is only present if the worker is logged in.
3. The worker must complete a review of the job owner in order to mark the job as complete.
4. The job owner must “Complete Job” button that is present only if you are the owner of the job and have assigned a worker to the job.
5. The job owner must complete a review of the worker before
6. Approve the transaction for job completion using your ethereum browser.
7. The amount specified in the payment field will be transferred to the assigned worker.

#### Worker completes job



#### Job Owner completes job



## Review Pop-up

