1. **Technical Architecture of Project**
2. **Launch EC2 instance on amazon AWS**
3. **Connect to EC2 instance using SSH(git bash client)**
4. **Copy code to cloud using Winscp**
5. **Install nginx on EC2**
6. **Nginx setup on EC2(Ubuntu server)**
7. **Install python packages for flask server**
8. Technical Architecture of Project

Graphical user interface, diagram

Description automatically generated

1. Launch EC2 instance on amazon AWS

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

Graphical user interface, text, application, email

Description automatically generated

Review and Launch

Graphical user interface, text, application, email

Description automatically generated

Save the file in local system, Table

Description automatically generated with medium confidence

1. Connect to EC2 instance using SSH(git bash client)

Open git bash and type below command

Example:

1. ssh -i "bhp.pem" ubuntu@ec2-3-19-69-74.us-east-2.compute.amazonaws.com

Graphical user interface, text

Description automatically generated

4. Copy code to cloud using Winscp

Graphical user interface

Description automatically generated

Hostname is highlighted below

Graphical user interface, text, application, email

Description automatically generated

For password , is specified from the bhp.pem file. Get the file through clicking on **Advanced,**

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

1. Install nginx on EC2

Sudo apt-get install nginx

1. Nginx setup on EC2(Ubuntu server

- remove default file in site-enabled

Sudo unlink default

- Copy bhp.conf file inside site-available folder,

- Then run below command to make the default file in site-enabled

sudo ln -v -s /etc/nginx/sites-available/bhp.conf inside /etc/nginx/sites-enabled

1. Install python packages for flask server

* To install pip

Sudo app install python3-pip

* Install dependent package using pip
* Run python flask : python server.py[server.py is python flask file]

Note: To make python 3.6 as default

sudo update-alternatives --install /usr/bin/python python /usr/bin/python3.6 1