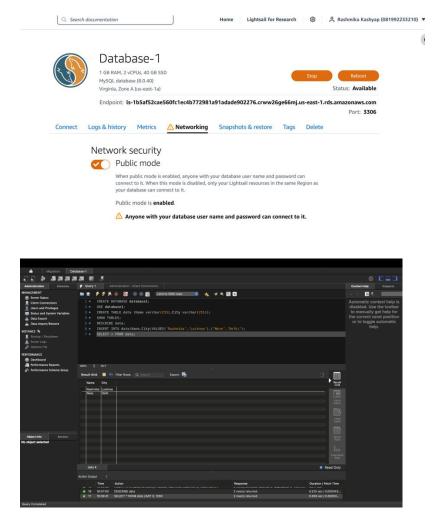
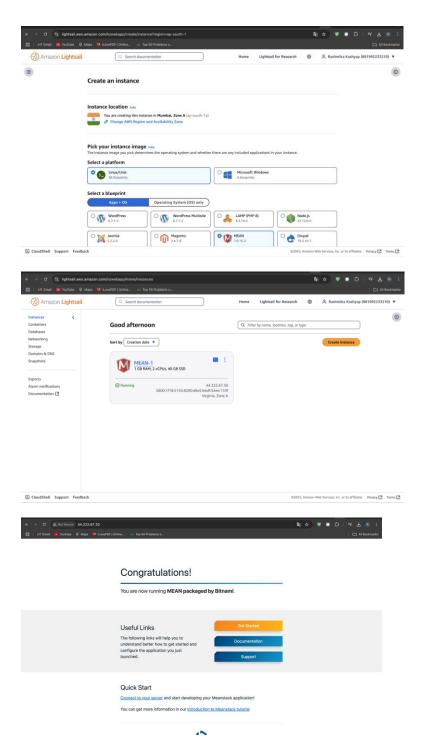
#### Cloud Lab Assignment 1

#### RASHMIKA KASHYAP

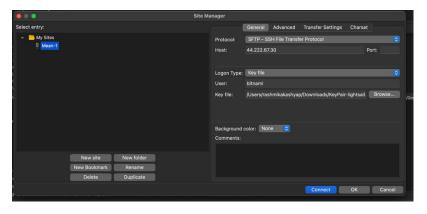
TASK 1. Creating a database instance in Lightsail and connecting to sql server using generated username and password

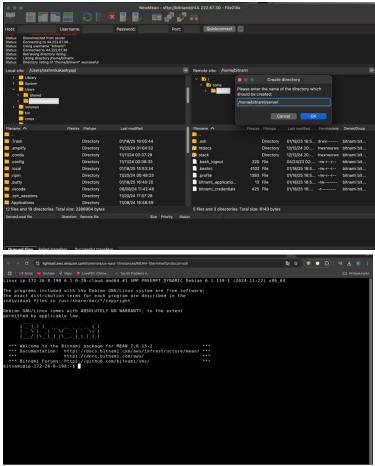


TASK 2. Creating a Lightsail instance and deploying web application on it



Using Filezilla to work on the server as well as client side for file transfer

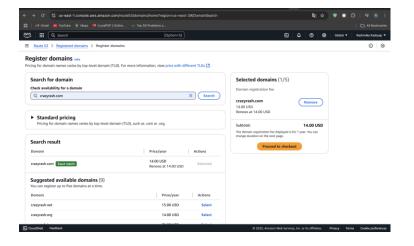




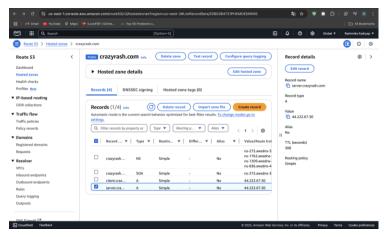
## Deploying application on local host

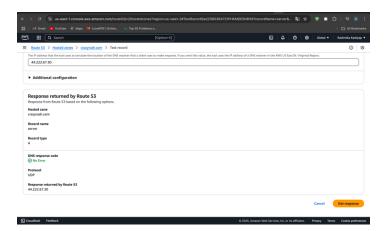


Registering a Domain Name and deploying the application

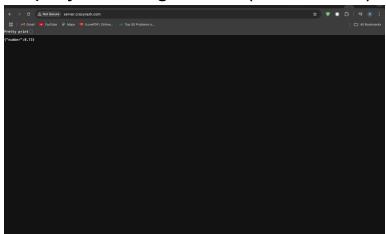


#### Creating records

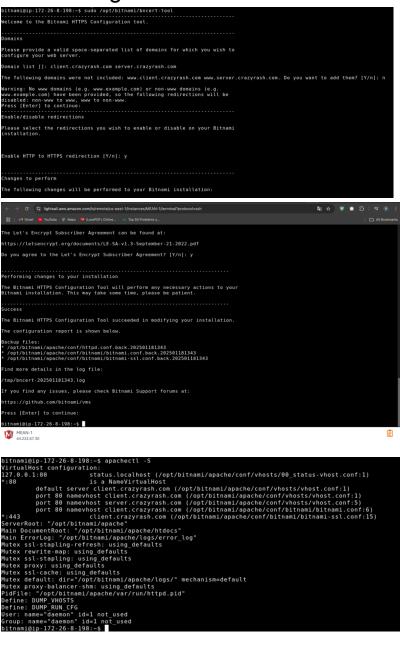




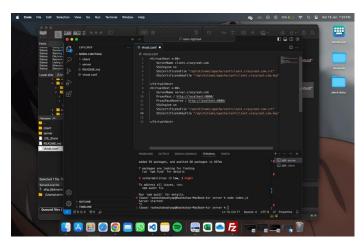
## Deployed using HTTP (not secure)

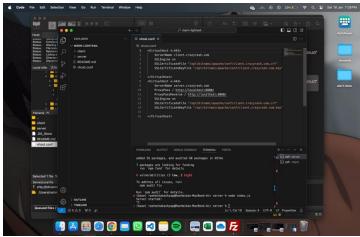


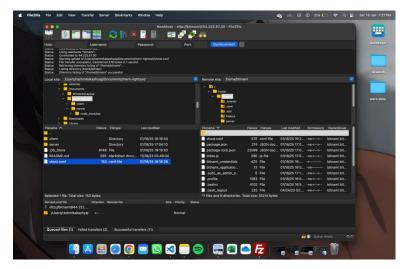
#### Redirecting traffic from HTTP to HTTPS



Changing the virtual host configuration [HTTP to HTTPS port 80 to 443]

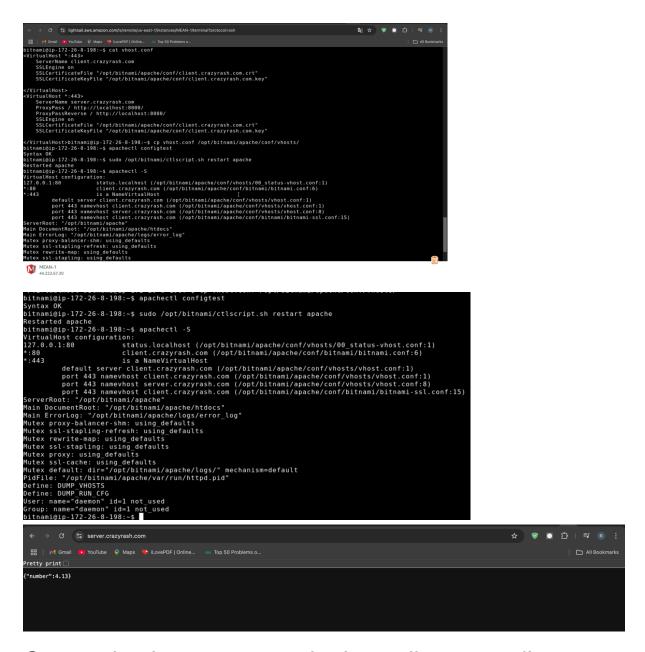




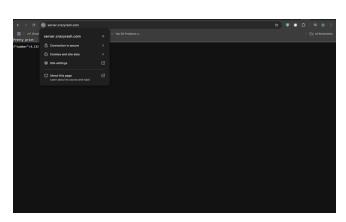


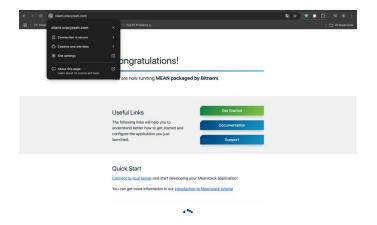
```
pitnami@ip-172-26-8-198:-$ ls /opt/bitnami/apache/conf/
pitnami deflate.conf httpd.conf.back.202501181343 modsecurity.conf vhosts
client.crazyrash.com.crt extra magic
client.crazyrash.com.key httpd.conf mime.types
pitnami@ip-172-26-8-198:-$ cat vhost.conf
virtualHost *: 443>
ServerName client.crazyrash.com
SSLCertificateFile "/opt/bitnami/apache/conf/client.crazyrash.com.crt"
SSLCertificateFile "/opt/bitnami/apache/conf/client.crazyrash.com.key"

</VirtualHost>
virtualHost *: 443>
ServerName server.crazyrash.com
ProxyPass / http://localhost:8000/
ProxyPass / http://localhost:8000/
SSLCertificateFile "/opt/bitnami/apache/conf/client.crazyrash.com.crt"
SSLCertificateFile "/opt/bitnami/apache/conf/client.crazyrash.com.crt"
SSLCertificateFile "/opt/bitnami/apache/conf/client.crazyrash.com.crt"
SSLCertificateFile "/opt/bitnami/apache/conf/client.crazyrash.com.crt"
SSLCertificateKeyFile "/opt/bitnami/apache/conf/client.crazyrash.com.key"
```

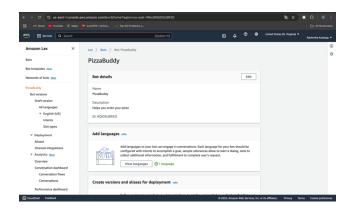


# Connection is secure now, both on client as well as server side

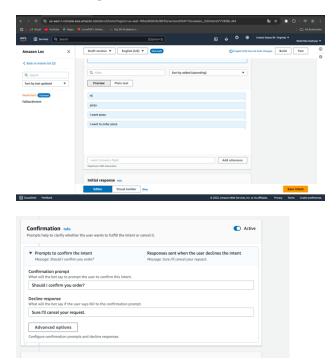




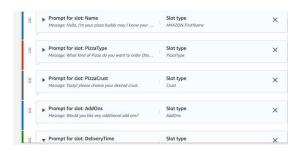
#### TASK 3. PIZZA DELIVERY CHATBOT



## Creating intent



Creating slots for First name, Type of pizza, Pizza Crust, Add Ons and delivery time.



### Building the chatbot and testing it

