**Creating a Chatbot using Langchain framework:**

1. Create a environment using

python -m venv myenv

1. Pull the code from: “https://github.com/Biplab77/ChatBot.git”https://github.com/Biplab77/ChatBot.git
2. Activate the env using command:

.\myenv\Scripts\activate

1. Install the requirements.txt folder:

pip install -r requirements.txt

1. Create a database in PostgreSQL:
2. psql -U postgres
3. CREATE DATABASE chat\_bot;
4. \l (use to list database)
5. \c chat\_bot (used to connect to database)
6. Make .env file & add DATABASE\_URL=” postgresql://postgres:mysecretpassword@localhost:5432/mydatabase”

Format of DATABASE\_URL= “ostgresql://<username>:<password>@<host>:<port>/<database\_name>”

1. Generate a Secret Key:

import secrets

print(secrets.token\_hex(32)) # Generates a 64-character hex string

1. Load that secret key in .env file manually

SECRET\_KEY=f5e3b7a89f2c4e6d93b0f46b6a3d8e7f1a2c3b4d5e6f7g8h9i0j1k2l3m4n5o6p

1. Download Node.js

<https://nodejs.org/en>

1. Verify install:

npm -v

1. Install prisma as a dev dependency in your project:

npm install prisma --save-dev

1. Check if it is installed or not

npx prisma –version

if not installed add it to your path by running the command:

export PATH=$PATH:~/.npm-global/bin

1. Install @prisma/client

npm install @prisma/client

1. After that run migration:

npx prisma migrate dev --name add\_chat\_history