Try to install postgres using the command from odoo docs :
https://www.odoo.com/documentation/18.0/administration/on_premise/packages.html
If there is any error:

Follow the guide from here to install postgres 13 if postgres 17 isn't getting installed with the given command in odoo doc. So postgresql 13 will be installed and during the odoo package installation postgresql will be upgraded to the latest version
Postgres 13

https://blog.mindmeldwithminesh.com/how-to-install-postgresql-13-on-ubuntu-20-04-18-04-93f550f78cce

Run the below commands to check if postgresql running and then enable it in the system so it always runs in the os

systemctl status postgresql.service

sudo systemctl enable postgresql

Package installer:
https://www.odoo.com/documentation/18.0/administration/on_premise/packages.html

Python gets installed during the odoo package installation, but if somehow python is not installed then python should be installed manually
Python version > 3.10
Following installation guide for ubuntu