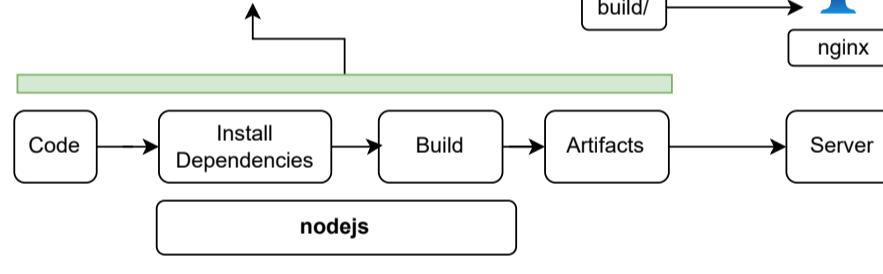
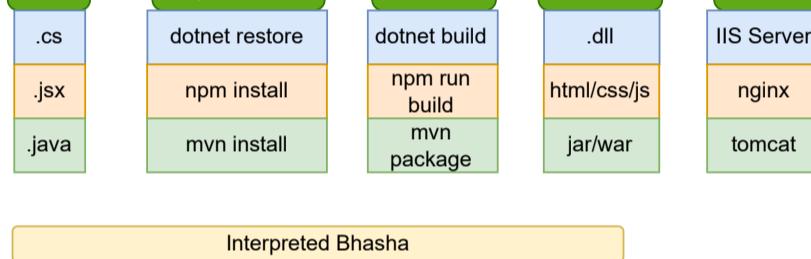


Frontend Complete...
 Database bhi ban gyis..
 backend ka vm bhi bn gyis..
 backend ke middleware chahiye, vo computer pr hai ya nahi hai?
 Python ko build karke makkhan(artifacts) kaise nikalenge?
 Python ko build karke artifacts nikalenge aur deploy karenge target machine pr
 Database ko backend se jodenge..
 Backend ka input postman se dalenge and validate karenge sara scenario chl raha hai ki nahi
 Frontend aur backend ko jod denge..



nodejs

python-backend



Machine pr ssh login karna hai uske lie port 22 hona chahiye enable

1. Code ko clone kia vm pr..

2. sudo apt install python3-pip

3. Update connection string app.py

```
# connection_string = os.getenv("CONNECTION_STRING")
connection_string = "Driver={ODBC Driver 18 for SQL Server};Server=tcp"
```

4. Jyada dimag nahi lagana hai bs command chalana hai..

```
sudo su
apt-get update && apt-get install -y curl gnupg2 unixodbc unixodbc-dev
```

```
curl -fsSL https://packages.microsoft.com/keys/microsoft.asc | gpg --dearmor -o /usr/share/keyrings/microsoft.gpg && \
echo "deb [arch=amd64 signed-by=/usr/share/keyrings/microsoft.gpg] https://packages.microsoft.com/debian/12/prod bookworm main" > /etc/apt/sources.list.d/mssql-release.list
```

```
apt-get update && ACCEPT_EULA=Y apt-get install -y msodbcsql18
```

```
pip install -r requirements.txt
```

```
uvicorn app:app --host 0.0.0.0 --port 8000
```