**HTTPS**

**PostgreSQL**

**SSH SFTP HTTPS**

PostgreSQL database

**Import Pipeline**

**Data Server**

**Web Server**

**TransDecoder**

**RPS-BLAST**

**BLAST+**

CrustyBase (Django)

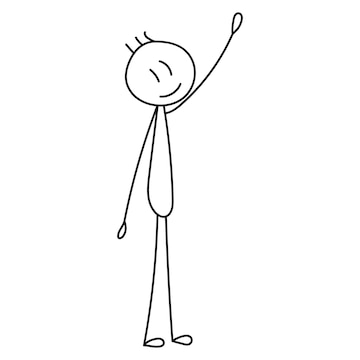
WSGI server

gunicorn

WSGI server

NGINX

reverse-proxy



**HTTPS**

**User**

**Hardware**

**Operating system (Host)**

**Hypervisor**

**Operating System**

**PostgreSQL**

**Nginx**

**Django**

**React js**

**Response**

**HTTP/HTTPS**

**Request**

**Static File**

**Response**

**Response**

**Response**

**HTTP/HTTPS**

**HTTP/HTTPS**

**Response**

**Response**

**RPC**

**RPC**

**HTML/Static Files**

**HTTP/HTTPS**

**AWS Virtual Machine**

**Ubuntu OS**

**Nignx**

**Static Files**

**Gunicorn**

**Django**

**Python Script**

**Postgres SQL Database**