**1. Resource Group**

* **Name:** nodejs-deployment-rg
* **Region:**
* **Purpose:** Grouping all related resources like VM, network interface, and security rules.

**2. Virtual Machine**

* **Name:** azureuser
* **OS Image:** Ubuntu 20.04 LTS
* **Size:** Standard B1s (1 vCPU, 1 GiB RAM)
* **Authentication:** SSH key-based login
* **Admin Username:** ubuntu
* **Public IP Address:** Assigned (Dynamic or Static)

**3. Network Interface & IP**

* **Network Interface:** Auto-created with the VM
* **Public IP:** To access the VM and app from the browser
* **Private IP:** Assigned automatically for internal networking

**4. Network Security Group (NSG)**

* **Attached to:** Virtual machine
* **Inbound Rules Added:**
  + **SSH (port 22)** – For remote access
  + **HTTP/Custom (port 3000)** – To serve Node.js app
* **Priority:** SSH (priority 1000), HTTP (priority 1001)

**5. Disk**

* **OS Disk:** 30 GB Standard SSD (default)