

Name: Shreyas Shridhar Limaye

Roll No: 24CO307

Department of Computer Engineering

AISSMS College of Engineering, Pune

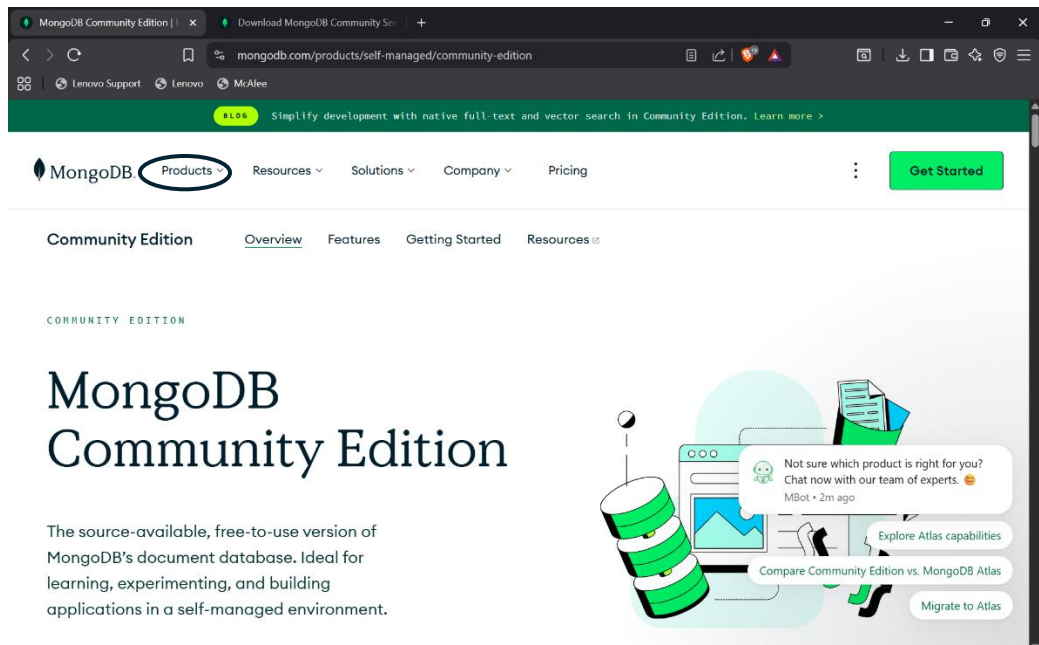
Installation Steps for MongoDB on Windows 11

The installation process is split into three main parts:

1. Install MongoDB Community Server:

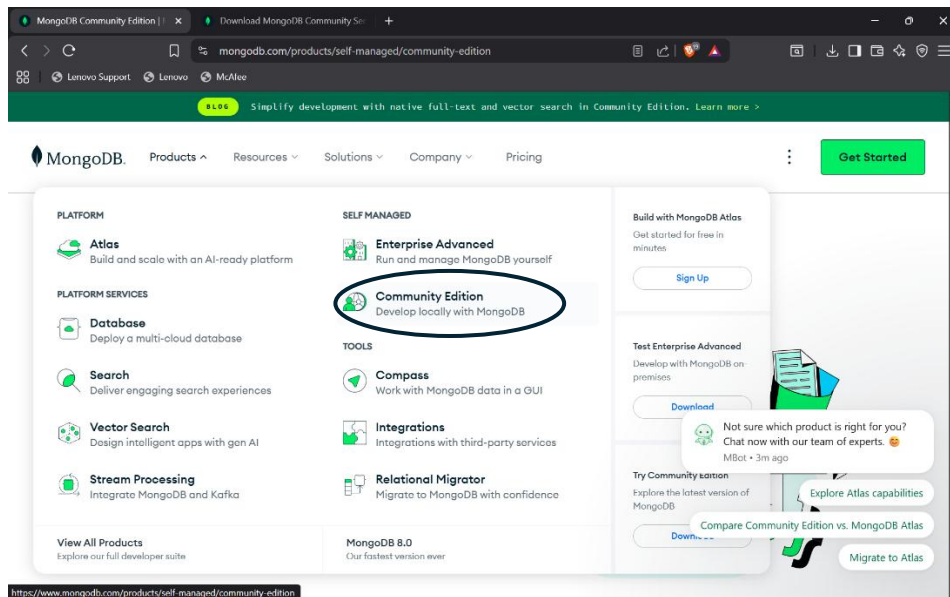
1. Download the Installer:

- Go to your web browser and search for MongoDB.
- Navigate to the official website and click on the Products menu.

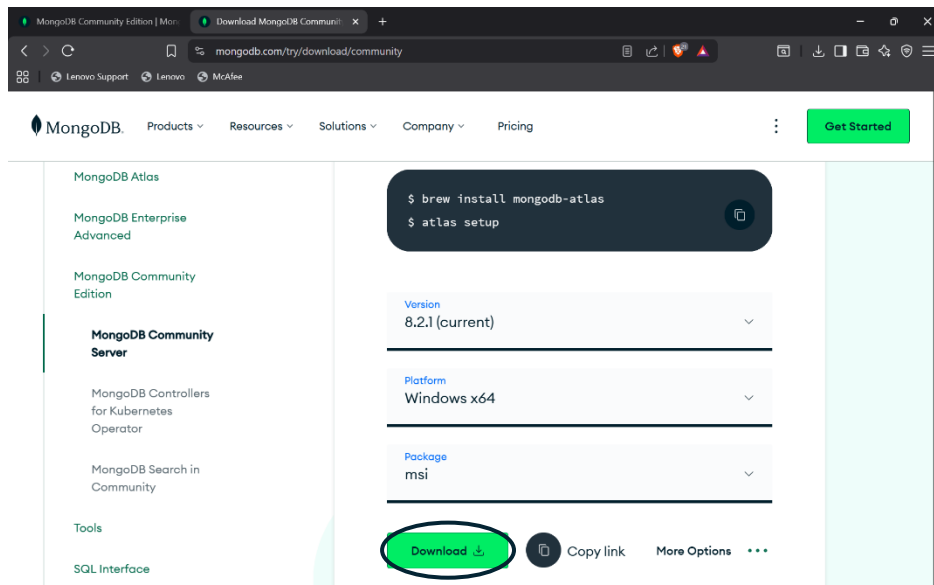


- Select the free, open-source version, which is the **Community Edition** (Community Server).

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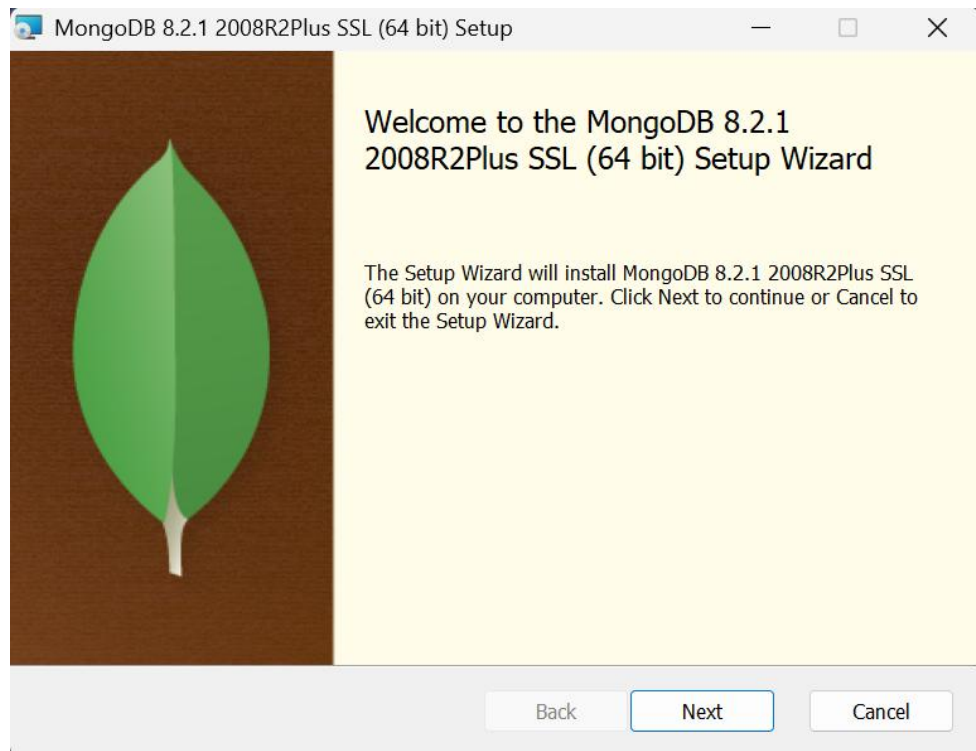
- Scroll down, select the package (MSI installer for 64-bit is the default), and click Download.



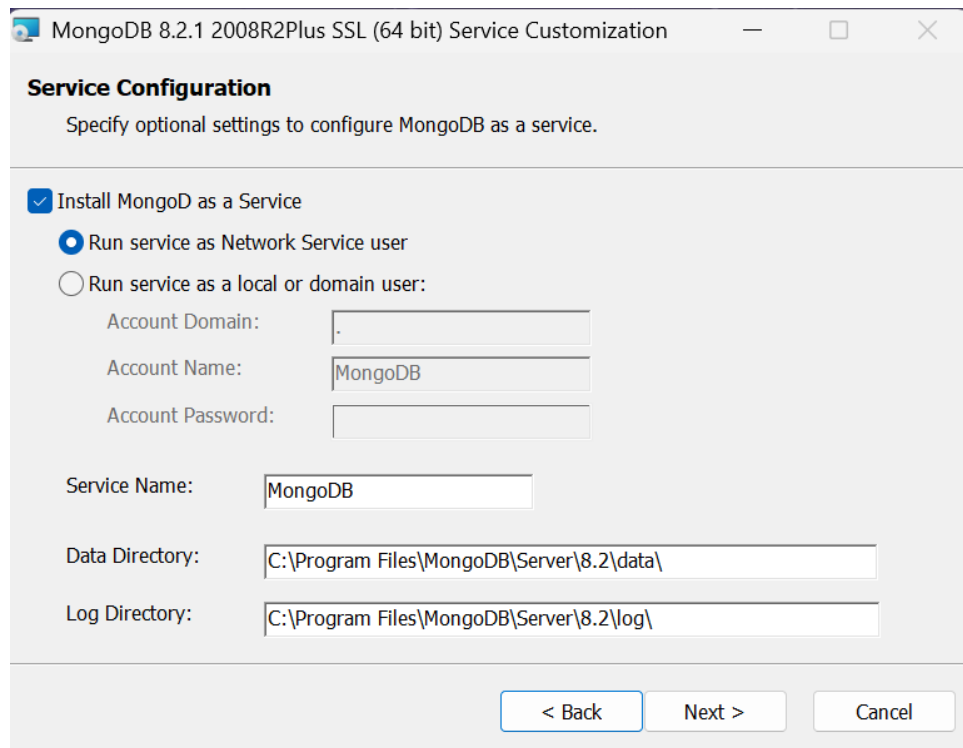
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2. Run the Setup Wizard:

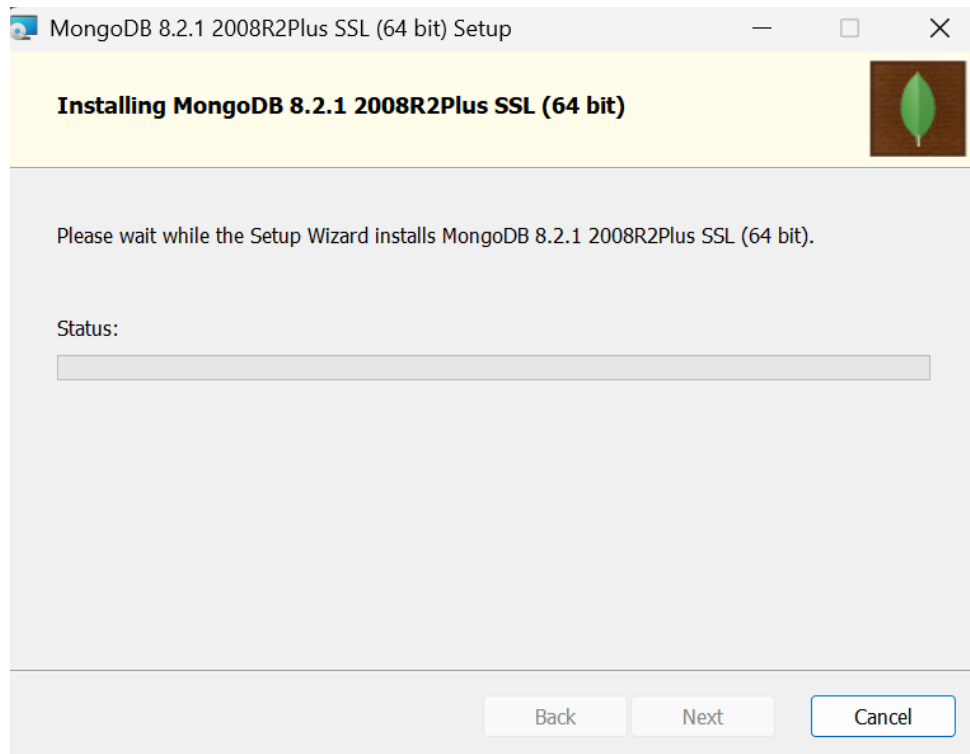
- Open the downloaded MSI installer file.



- Click Next, accept the terms and conditions, and click Next again.
- For the Setup Type, choose Complete.
- Keep the default Service Configuration settings for the MongoDB service and logging directory, then click Next.

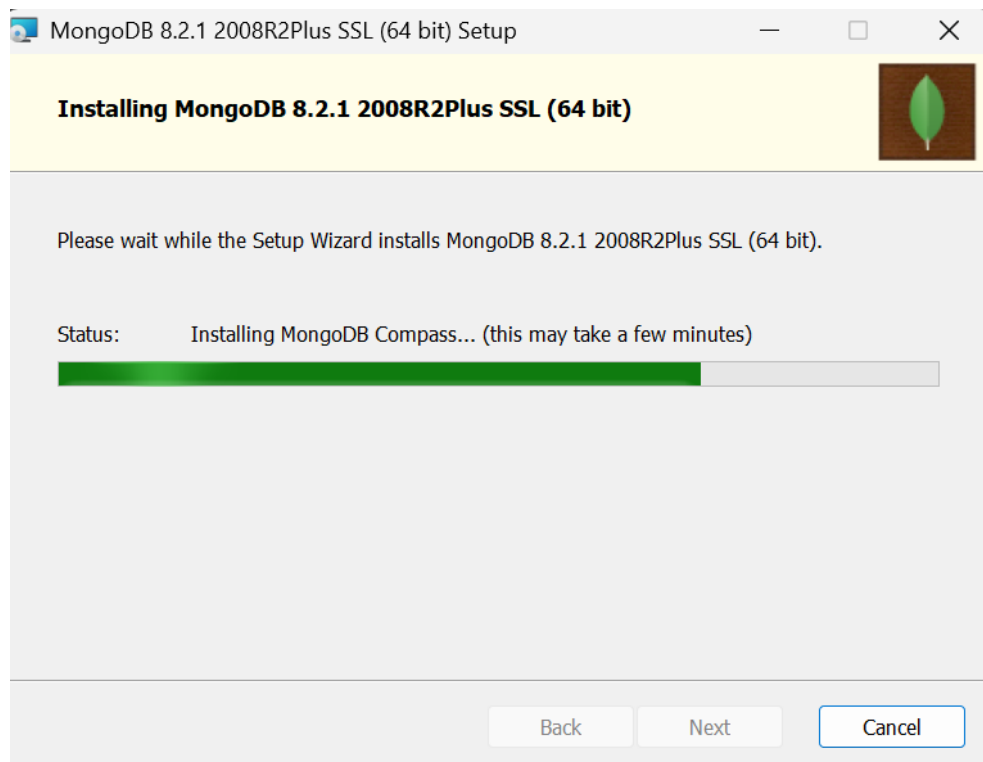


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3. (Optional):

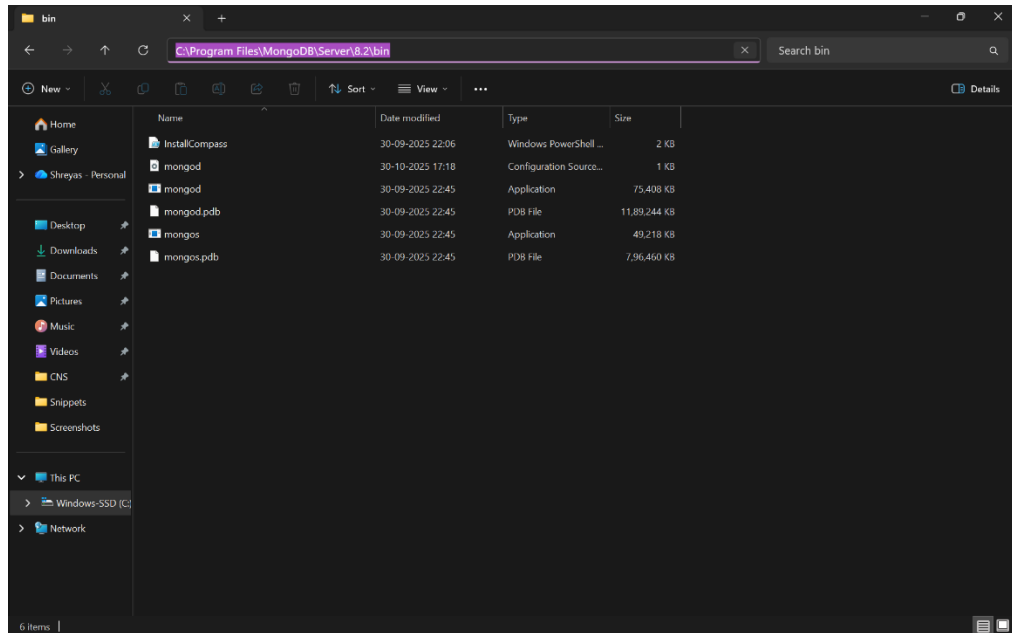
- Install MongoDB Compass, a graphical UI tool, before clicking Next.
- Click Install to begin the installation.
- Once the installation is complete, click Finish.



2. Set the Environment Path:

1. This step allows you to run MongoDB commands from any directory in the Command Prompt.

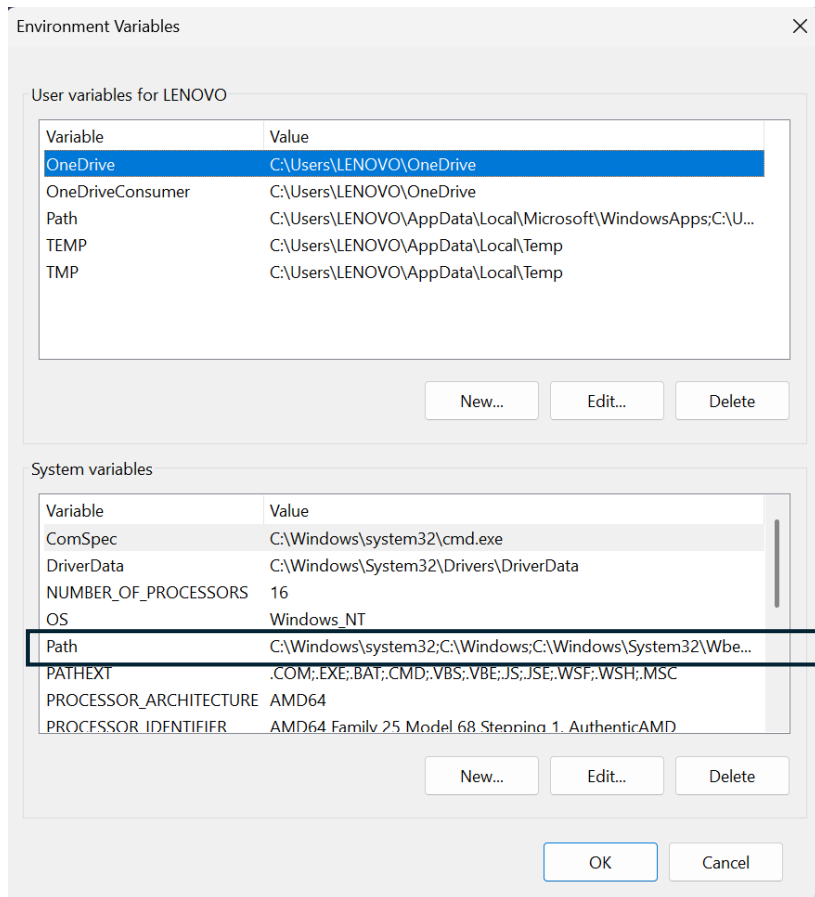
- **Copy the Bin Path:**
- Go to the installation directory in your file explorer: C:\Program Files\MongoDB\Server\8.2\bin.
- Copy the full path of the bin folder.



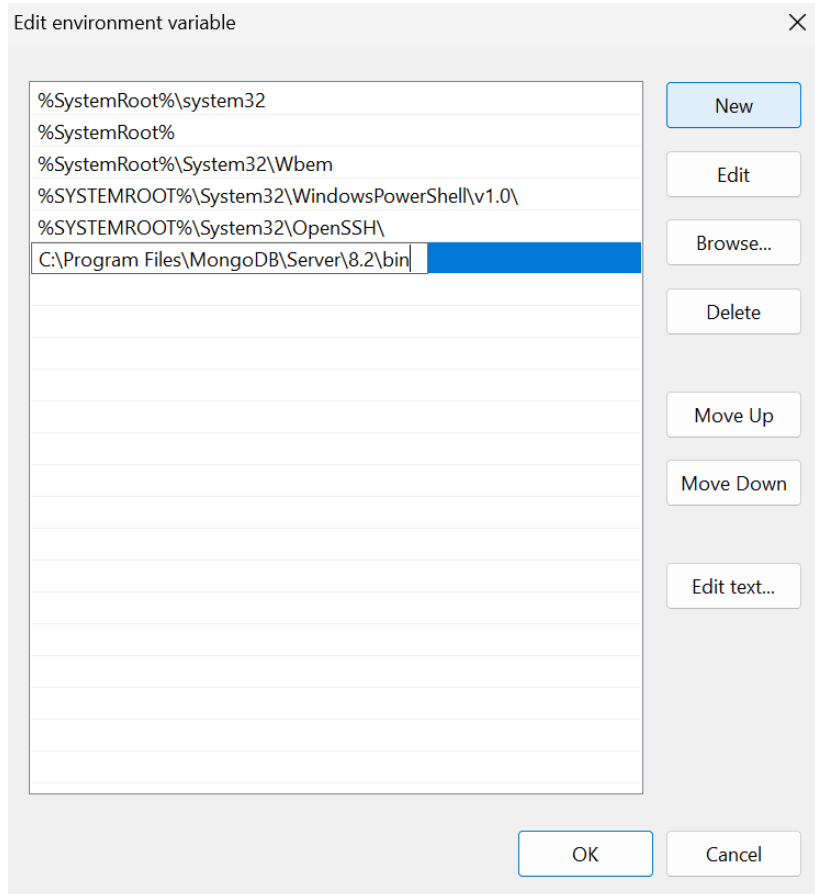
2. Edit System Environment Variables:

- Search for "environment variables" in the Windows Start menu and open "Edit the system environment variables".
- Click the Environment Variables... button.
- Under the System variables section, select Path and double-click it.

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- Click New and paste the copied path.



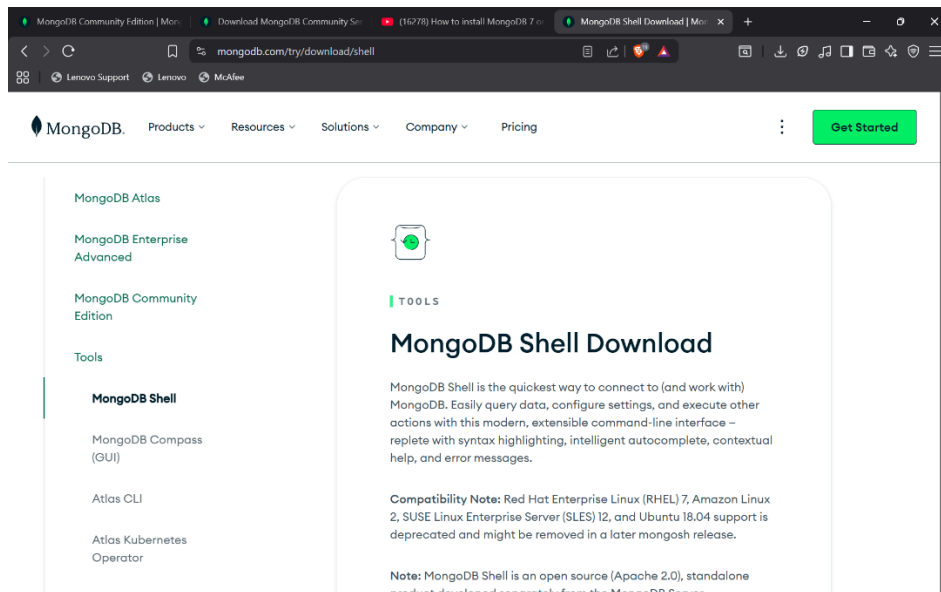
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- Click OK on all open windows to save the changes.

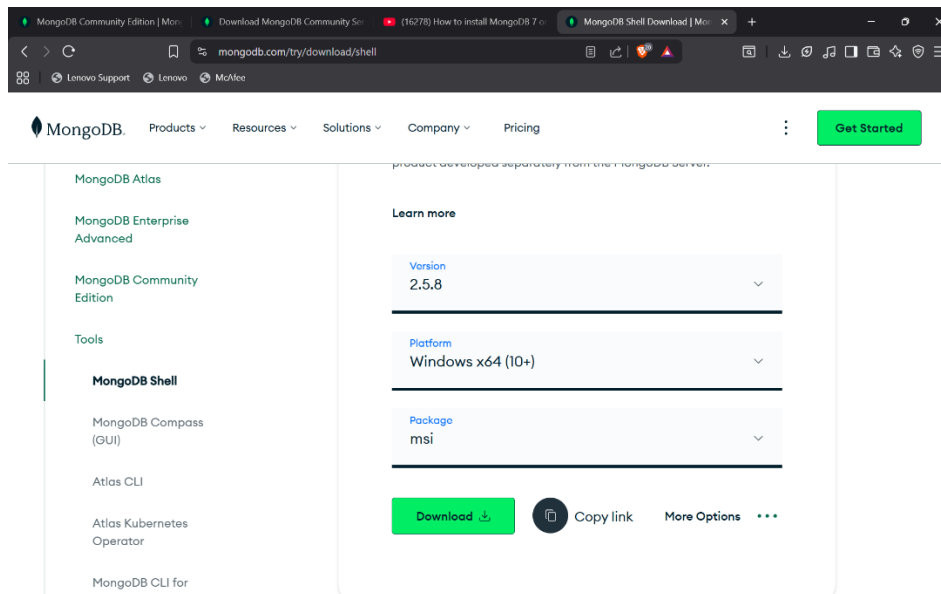
3. Install MongoDB Shell (mongosh):

1. The MongoDB shell is the command-line interface used to interact with your MongoDB deployment.

- Download the Shell Installer:
- Search for "MongoDB Shell download" on browser.



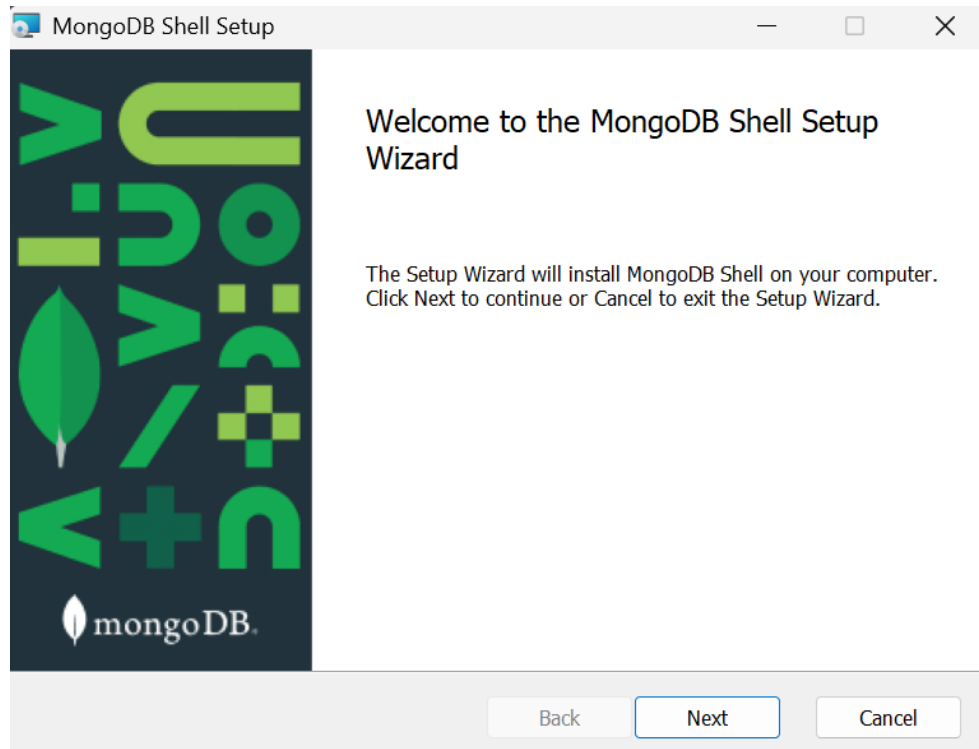
- On the download page, verify the package (MSI) and click Download.



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2. Run the Shell Setup Wizard:

- Open the downloaded MSI file for the shell.
- Click Next, choose to install for All users, and click Next.
- Click Install.
- Click Finish when the installation completes.



4. Verify Installation and Start Shell:

1. Verify Server Installation:

- Open a new Command Prompt (CMD) window.
- Type `mongod --version` and press Enter. The version number should be displayed, confirming the server is installed correctly.

```
Command Prompt
Microsoft Windows [Version 10.0.26100.6899]
(c) Microsoft Corporation. All rights reserved.

C:\Users\LENOVO>mongod --version
db version v8.2.1
Build Info: {
  "version": "8.2.1",
  "gitVersion": "3312bdcf28aa65f5930005e21c2cb130f648b8c3",
  "modules": [],
  "allocator": "tcmalloc-gperf",
  "environment": {
    "distmod": "windows"
  }
}
```

2. Start the Shell:

- In the Command Prompt, type mongosh and press Enter to start the MongoDB Shell.
 - Once in the shell, you can type show dbs to see the default databases.
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Reference YouTube video link:

<https://youtu.be/1LiZRYzgM2o?si=9u71RW8jIEyStovU>