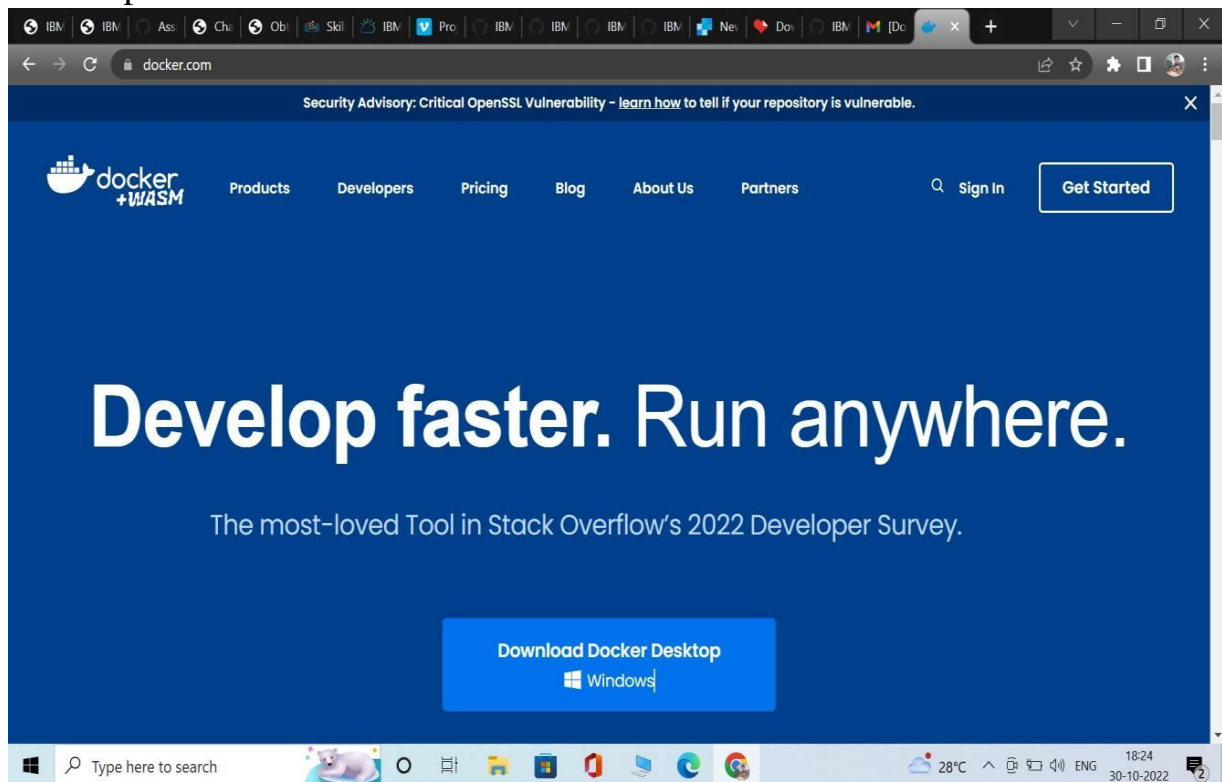


## Setting up Application Environment

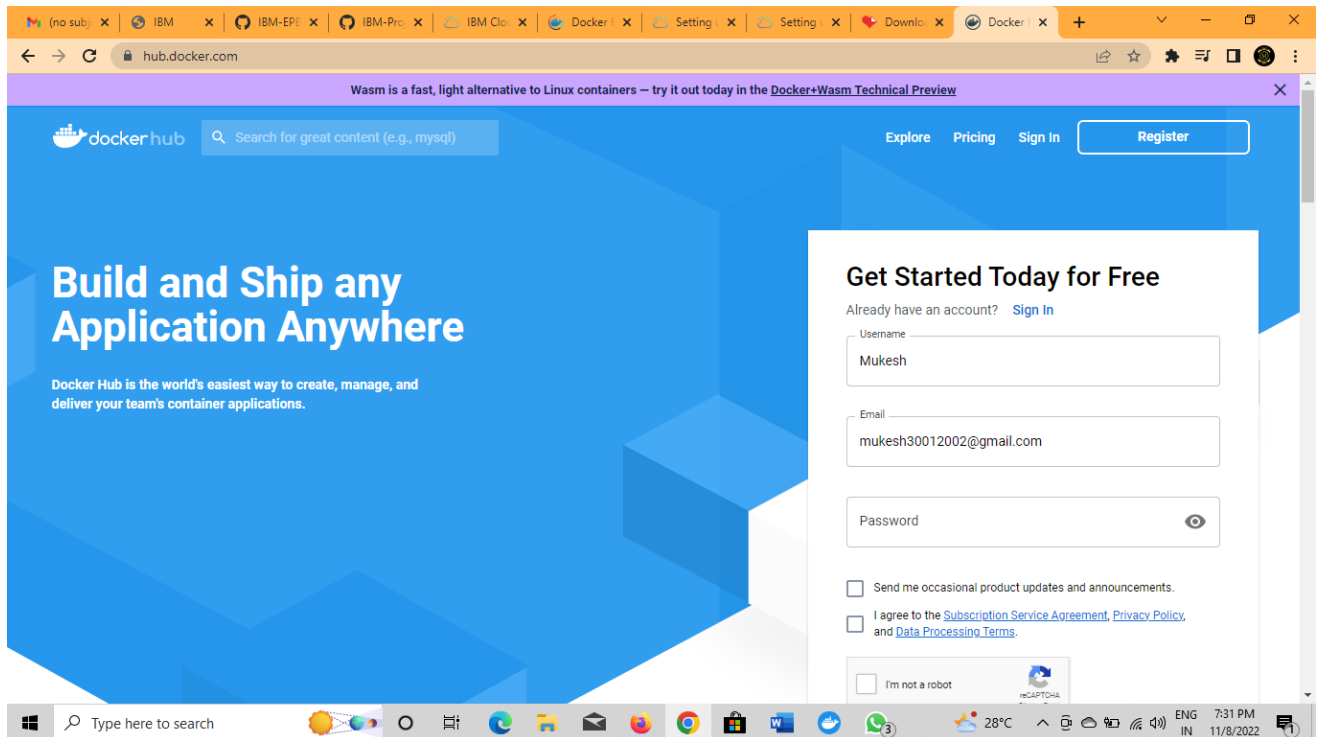
### Docker CLI Installation

|              |                                   |
|--------------|-----------------------------------|
| Date         | 8 <sup>th</sup> November 2022     |
| Team ID      | PNT2022TMID18783                  |
| Project Name | Skill/Job Recommender Application |

**Step 1.** Download Docker from [docker.com](https://docker.com) and install it by running the Docker Desktop Installer.exe file



**Step 2.** Goto [hub.docker.com](https://hub.docker.com) register and create an account and login with the same



The screenshot shows the Docker Hub website in a web browser. The browser's address bar displays 'hub.docker.com'. The page features a blue header with the Docker Hub logo, a search bar, and navigation links for 'Explore', 'Pricing', 'Sign In', and 'Register'. A purple banner at the top promotes 'Wasm' as a fast, light alternative to Linux containers. The main content area has a large blue background with the text 'Build and Ship any Application Anywhere' and a sub-headline 'Docker Hub is the world's easiest way to create, manage, and deliver your team's container applications.' On the right side, there is a white registration form titled 'Get Started Today for Free'. The form includes fields for 'Username' (filled with 'Mukesh'), 'Email' (filled with 'mukesh30012002@gmail.com'), and 'Password'. Below these fields are three checkboxes: 'Send me occasional product updates and announcements.', 'I agree to the Subscription Service Agreement, Privacy Policy, and Data Processing Terms.', and 'I'm not a robot' (with a reCAPTCHA logo). The browser's taskbar at the bottom shows various application icons and system information, including the date '11/8/2022' and time '7:31 PM'.

Wasm is a fast, light alternative to Linux containers – try it out today in the [Docker+Wasm Technical Preview](#)

docker hub Search for great content (e.g., mysql) Explore Pricing Sign In Register

## Build and Ship any Application Anywhere

Docker Hub is the world's easiest way to create, manage, and deliver your team's container applications.

### Get Started Today for Free

Already have an account? [Sign In](#)


Username

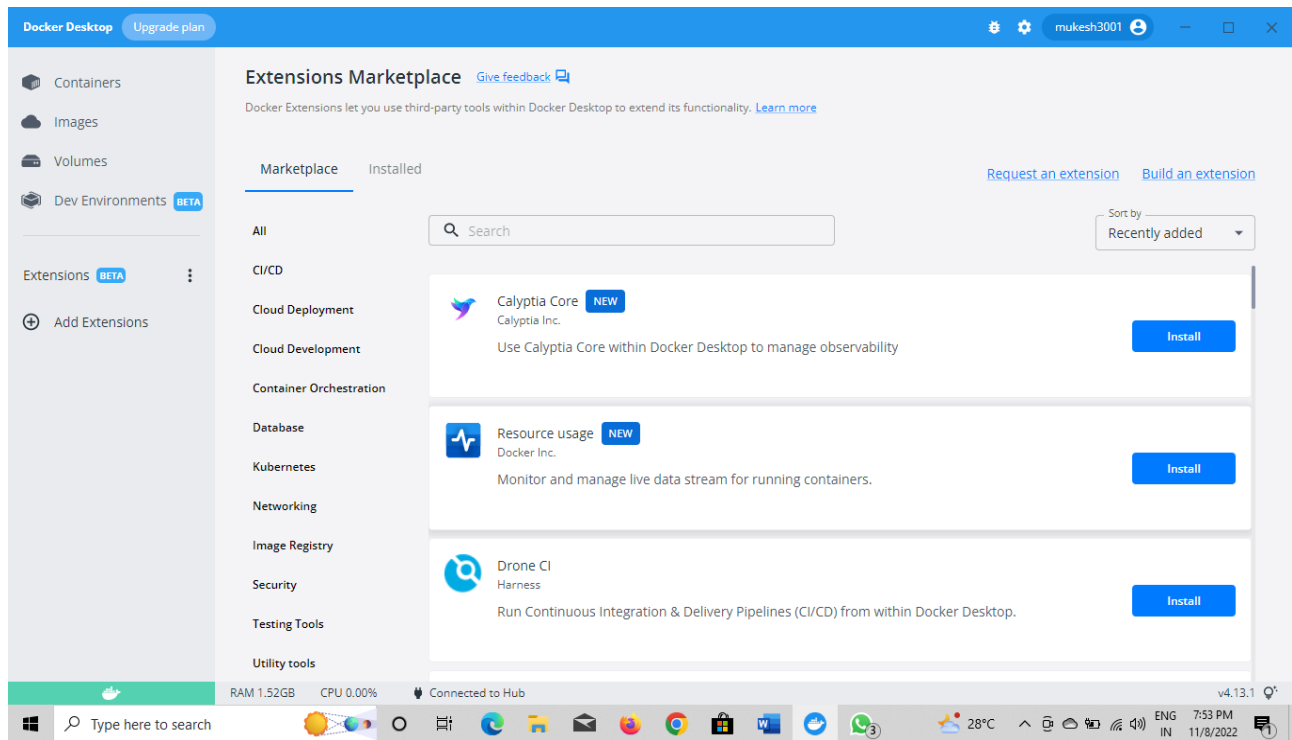
Email

Password

☐ Send me occasional product updates and announcements.

☐ I agree to the [Subscription Service Agreement](#), [Privacy Policy](#), and [Data Processing Terms](#).

☐ I'm not a robot 



The screenshot displays the Docker Desktop interface, specifically the Extensions Marketplace. The top navigation bar includes 'Docker Desktop' and an 'Upgrade plan' button. The left sidebar contains navigation options: Containers, Images, Volumes, Dev Environments (marked BETA), Extensions (marked BETA), and an 'Add Extensions' button. The main content area is titled 'Extensions Marketplace' and includes a 'Give feedback' link. Below the title, a description states: 'Docker Extensions let you use third-party tools within Docker Desktop to extend its functionality. [Learn more](#)'. The interface is divided into 'Marketplace' and 'Installed' tabs. The 'Marketplace' tab is active, showing a search bar, a 'Sort by' dropdown set to 'Recently added', and a list of extensions. The extensions listed are: 1. Calyptia Core (NEW) by Calyptia Inc., described as 'Use Calyptia Core within Docker Desktop to manage observability', with an 'Install' button. 2. Resource usage (NEW) by Docker Inc., described as 'Monitor and manage live data stream for running containers.', with an 'Install' button. 3. Drone CI (NEW) by Harness, described as 'Run Continuous Integration & Delivery Pipelines (CI/CD) from within Docker Desktop.', with an 'Install' button. The bottom status bar shows system information: RAM 1.52GB, CPU 0.00%, Connected to Hub, and version v4.13.1. The Windows taskbar at the very bottom includes a search bar, task view, and various application icons.

**Docker Desktop** Upgrade plan

**Extensions Marketplace** [Give feedback](#)

Docker Extensions let you use third-party tools within Docker Desktop to extend its functionality. [Learn more](#)

Marketplace Installed [Request an extension](#) [Build an extension](#)

Sort by Recently added

**All**

CI/CD

Cloud Deployment

Cloud Development

Container Orchestration

Database

Kubernetes

Networking

Image Registry

Security

Testing Tools

Utility tools

**Calyptia Core** NEW  
Calyptia Inc.  
Use Calyptia Core within Docker Desktop to manage observability **Install**

**Resource usage** NEW  
Docker Inc.  
Monitor and manage live data stream for running containers. **Install**

**Drone CI** NEW  
Harness  
Run Continuous Integration & Delivery Pipelines (CI/CD) from within Docker Desktop. **Install**

RAM 1.52GB CPU 0.00% Connected to Hub v4.13.1

Type here to search

### Step 3. Open Docker Desktop and start creating containers and images

