**SETTING UP A NEW SERVER INSTANCE for a PROJECT**

**Steps:**

1. Create a new droplet / EC2 or any server instance.
2. Create and Download the pem key file. OR, create a non-root user with sudo permission to log-in to the server instance and manage it.
3. Login to server instance:  
   **A. WITH PEM KEY:**

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| **$ sudo ssh -i “pem-key-file.pem” user@IP.ADD.RE.SS** |

**B. WITH PASSWORD KEY:**

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| **$ sudo ssh** [**user@IP.ADD.RE.SS**](mailto:user@IP.ADD.RE.SS) **$ password: ENTER** |

1. **Set up NGINX server**

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| $sudo apt-get update  $sudo apt-get install nginx // install nginx server  $sudo ufw app list  $sudo ufw allow ‘Nginx HTTP’  $ systemctl status nginx // check nginx server status |

1. **Build the project**

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| $ ng build --prod // run this command for production build in project directory  // Compress the Dist folder  // Check Dist folder in project directory |

1. **Upload build files on server :**

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| $ scp dist.zip root@206.189.128.213:/var/www/html/ // run this command on project directory to upload build zip file  $ unzip dist.zip// Navigate to /var/www/html directory and uncompress zip file by this command  // If the unzip command isn't already installed on your system, then run $ sudo *apt install unzip* // Install unzip, run above command again  $ ls// Run this command to verify dist folder exist  $ mv dist/\* ./ // Use this to move all the content of dist file to current directory (that is /var/www/html/) |

1. **Run IP address on browser to verify build is uploaded.**