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SR.NO	Project NAME	Technology
1	Online E-Learning Platform Hub	React+Springboot+MySql
2	PG Mates / RoomSharing / Flat Mates	React+Springboot+MySql
3	Tour and Travel management System	React+Springboot+MySql
4	Election commition of India (online Voting System)	React+Springboot+MySql
5	HomeRental Booking System	React+Springboot+MySql
6	Event Management System	React+Springboot+MySql
7	Hotel Management System	React+Springboot+MySql
8	Agriculture web Project	React+Springboot+MySql
9	AirLine Reservation System / Flight booking System	React+Springboot+MySql
10	E-commerce web Project	React+Springboot+MySql
11	Hospital Management System	React+Springboot+MySql
12	E-RTO Driving licence portal	React+Springboot+MySql
13	Transpotation Services portal	React+Springboot+MySql
14	Courier Services Portal / Courier Management System	React+Springboot+MySql
15	Online Food Delivery Portal	React+Springboot+MySql
16	Muncipal Corporation Management	React+Springboot+MySql
17	Gym Management System	React+Springboot+MySql
18	Bike/Car ental System Portal	React+Springboot+MySql
19	CharityDonation web project	React+Springboot+MySql
20	Movie Booking System	React+Springboot+MySql

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21	Job Portal web project	React+Springboot+MySql
22	LIC Insurance Portal	React+Springboot+MySql
23	Employee Management System	React+Springboot+MySql
24	Payroll Management System	React+Springboot+MySql
25	RealEstate Property Project	React+Springboot+MySql
26	Marriage Hall Booking Project	React+Springboot+MySql
27	Online Student Management portal	React+Springboot+MySql
28	Resturant management System	React+Springboot+MySql
29	Solar Management Project	React+Springboot+MySql
30	OneStepService LinkLabourContractor	React+Springboot+MySql
31	Vehical Service Center Portal	React+Springboot+MySql
32	E-wallet Banking Project	React+Springboot+MySql
33	Blogg Application Project	React+Springboot+MySql
34	Car Parking booking Project	React+Springboot+MySql
35	OLA Cab Booking Portal	React+NextJs+Springboot+MySql
36	Society management Portal	React+Springboot+MySql
37	E-College Portal	React+Springboot+MySql
38	FoodWaste Management Donate System	React+Springboot+MySql
39	Sports Ground Booking	React+Springboot+MySql
40	BloodBank mangement System	React+Springboot+MySql

41	Bus Tickit Booking Project	React+Springboot+MySql
42	Fruite Delivery Project	React+Springboot+MySql
43	Woodworks Bed Shop	React+Springboot+MySql
44	Online Dairy Product sell Project	React+Springboot+MySql
45	Online E-Pharma medicine sell Project	React+Springboot+MySql
46	FarmerMarketplace Web Project	React+Springboot+MySql
47	Online Cloth Store Project	React+Springboot+MySql
48	Train Ticket Booking Project	React+Springboot+MySql
49	Quizz Application Project	JSP+Springboot+MySql
50	Hotel Room Booking Project	React+Springboot+MySql
51	Online Crime Reporting Portal Project	React+Springboot+MySql
52	Online Child Adoption Portal Project	React+Springboot+MySql
53	online Pizza Delivery System Project	React+Springboot+MySql
54	Online Social Complaint Portal Project	React+Springboot+MySql
55	Electric Vehical management system Project	React+Springboot+MySql
56	Online mess / Tiffin management System Project	React+Springboot+MySql
57		React+Springboot+MySql
58		React+Springboot+MySql
59		React+Springboot+MySql
60		React+Springboot+MySql

Spring Boot + React JS + MySQL Project List

Sr.No	Project Name	YouTube Link
1	Online E-Learning Hub Platform Project	https://youtu.be/KMjyBaWmgzg?si=YckHuNzs7eC84-IW
2	PG Mate / Room sharing/Flat sharing	https://youtu.be/4P9clHg3wvk?si=4uEsi0962CG6Xodp
3	Tour and Travel System Project Version 1.0	https://youtu.be/-UHOBywHaP8?si=KHHfE_A0uv725f12
4	Marriage Hall Booking	https://youtu.be/VXz0kZQi5to?si=ILOS-QG3TpAFP5k7
5	Ecommerce Shopping project	https://youtu.be/vJ_C6LkhrZ0?si=YhcBylSErvdn7paq
6	Bike Rental System Project	https://youtu.be/FlzsAmIBCbk?si=7ujQTJqEgkQ8ju2H
7	Multi-Restaurant management system	https://youtu.be/pvV-pM2Jf3s?si=PgvnT-yFc8ktrDxB
8	Hospital management system Project	https://youtu.be/lynlouBZvY4?si=CXzQs3BsRkjKhZCw
9	Municipal Corporation system Project	https://youtu.be/cVMx9NVyl4I?si=qX0oQt-GT-LR_5jF
10	Tour and Travel System Project version 2.0	https://youtu.be/_4u0mB9mHXE?si=gDiAhKBowi2gNUKZ

Sr.No	Project Name	YouTube Link
11	Tour and Travel System Project version 3.0	https://youtu.be/Dm7nOdpasWg?si=P_Lh2gcOFhlyudug
12	Gym Management system Project	https://youtu.be/J8_7Zrkg7ag?si=LcxV51ynfUB7OptX
13	Online Driving License system Project	https://youtu.be/3yRzsMs8TLE?si=JRI_z4FDx4Gmt7fn
14	Online Flight Booking system Project	https://youtu.be/m755rOwdk8U?si=HURvAY2VnizlyJlh
15	Employee management system project	https://youtu.be/ID1iE3W_GRw?si=Y_jv1xV_BljhrD0H
16	Online student school or college portal	https://youtu.be/4A25aEKfei0?si=RoVgZtxMk9TPdQvD
17	Online movie booking system project	https://youtu.be/Lfjv_U74SC4?si=fiDvrhhrjb4KSIsm
18	Online Pizza Delivery system project	https://youtu.be/Tp3izreZ458?si=8eWAOzA8SVdNwlyM
19	Online Crime Reporting system Project	https://youtu.be/0UlzReSk9tQ?si=6vN0e70TVY1GOwPO
20	Online Children Adoption Project	https://youtu.be/3T5HC2HKyT4?si=bntP78niYH802I7N

Q - 1) What is Terraform?

- Terraform is an open-source infrastructure as code (IaC) tool that allows users to define and provision infrastructure using a declarative configuration language.

Q - 2) What is infrastructure as code (IaC)?

- IaC is the practice of managing and provisioning infrastructure through code rather than manual processes, enabling automation, consistency, and version control.

Q - 3) How does Terraform differ from other IaC tools?

- Terraform is platform-agnostic and uses a declarative approach, allowing users to define the desired state of infrastructure rather than specifying how to achieve that state.

Q - 4) What are Terraform providers?

- Providers are plugins that enable Terraform to interact with various cloud services, APIs, and other infrastructure platforms (e.g., AWS, Azure, Google Cloud).

Q - 5) What is a Terraform module?

- A module is a container for multiple resources that are used together. Modules can be reused, shared, and organized into a directory structure.

Q - 6) What is a Terraform configuration file?

- A configuration file is a plain text file written in HashiCorp Configuration Language (HCL) or JSON that describes the desired state of infrastructure.

Q - 7) What is the purpose of the terraform init command?

- `terraform init` initializes a new or existing Terraform configuration by downloading the necessary providers and setting up the working directory.

Q - 8) What is the Terraform state file?

- The state file is a JSON file that stores information about the resources managed by Terraform, allowing it to track the current state of the infrastructure.

Q - 9) How can I manage Terraform state files?

- State files can be managed locally or remotely using backends like S3, Azure Blob Storage, or Terraform Cloud to enable collaboration and state locking.

Q - 10) What is the terraform plan command used for?

- `terraform plan` creates an execution plan, showing what actions Terraform will take to reach the desired state defined in the configuration files.

Q - 11) How do I create a resource in Terraform?

- Resources are defined in configuration files using the resource block, specifying the resource type and its properties.

Q - 12) How do I update a resource in Terraform?

- Update the configuration file with the desired changes and run `terraform apply` to apply the changes.

Q - 13) What is the purpose of the `terraform apply` command?

- `terraform apply` executes the actions proposed in the execution plan, creating, updating, or deleting resources as needed.

Q - 14) How do I destroy resources in Terraform?

- Use the command `terraform destroy` to remove all resources defined in the configuration.

Q - 15) What are data sources in Terraform?

- Data sources allow Terraform to fetch information from existing infrastructure or services, which can be used to configure resources.

Q - 16) What is the recommended directory structure for Terraform projects?

- A common structure includes separate directories for modules, environments, and configuration files, promoting organization and reusability.

Q - 17) How do I handle sensitive data in Terraform?

- Use environment variables, the `sensitive` argument, or HashiCorp Vault to manage sensitive information securely.

Q - 18) What is the purpose of variables in Terraform?

- Variables allow users to parameterize configurations, making them more flexible and reusable across different environments.

Q - 19) How do I define and use output values in Terraform?

- Output values are defined using the `output` block and can be used to display information after resource creation or to pass data between modules.

Q - 20) What is the purpose of the `terraform fmt` command?

- `terraform fmt` formats Terraform configuration files to a canonical format, improving readability and consistency.

Q - 21) What is Terraform Workspaces?

- Workspaces allow users to manage different states for the same configuration, enabling multiple environments (e.g., development, staging, production) within a single configuration.

Q - 22) How do I use remote backends in Terraform?

- Define a `backend` block in the configuration file to specify where the state file should be stored remotely (e.g., S3, GCS).

Q - 23) What are Terraform provisioners?

- Provisioners are used to execute scripts or commands on a local or remote machine after a resource is created or updated, useful for configuration management.

Q - 24) How do I manage dependencies between resources?

- Terraform automatically manages dependencies based on resource references, but you can use the `depends_on` argument to specify dependencies explicitly.

Q - 25) What is the purpose of the `terraform taint` command?

- `terraform taint` marks a resource for recreation during the next `terraform apply`, useful for forcing a resource to be replaced.

Q - 26) How do I troubleshoot Terraform errors?

- Check the error messages in the terminal, refer to the Terraform documentation, and examine the state file for inconsistencies.

Q - 27) How can I view the Terraform logs?

- Set the `TF_LOG` environment variable to a logging level (e.g., `DEBUG`, `INFO`) to view detailed logs during Terraform commands.

Q - 28) What resources are available for learning Terraform?

- The official Terraform documentation, HashiCorp Learn, community forums, and online courses are excellent resources for learning Terraform.

Q - 29) What is the Terraform Registry?

- The Terraform Registry is a repository for sharing and discovering Terraform modules and providers, allowing users to reuse community-contributed resources.

Q - 30) How do I contribute to the Terraform community?

- You can contribute by submitting bug reports, feature requests, or pull requests to the Terraform GitHub repository or by sharing modules and best practices in the community.



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