

## Contents

Forest Admin setup guide .....	2
Create a forest admin account.....	2
Create a New Project .....	2
Next, Select the Advance setup. ....	3
Next, Select the inside my own app. ....	4
Next, Select NodeJS. ....	4
Next, Select Express. ....	5
Next, Select SQL database. ....	5
Next, Select MySQL.....	6
Next, Add Application URL.....	6
Next, Add Forest Admin packages to the existing application. ....	7
Next, Add create agent code snippets to existing application.....	7
Next, Env configuration.....	8
Next, Serve the app and access to application through forest admin.....	8
Forest Admin architecture .....	10
Forest Admin Features free vs pro.....	10
Custom charts and front-end customizations.....	10

# Forest Admin setup guide

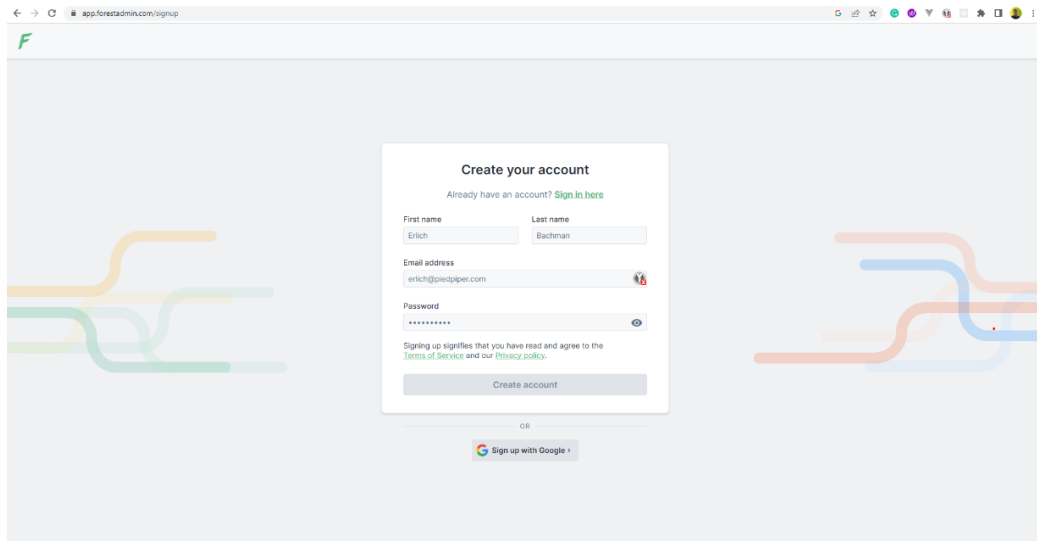
More Details: <https://docs.forestadmin.com/documentation/extra-help/setup>

**\*\* These steps elaborate forest admin panel setup inside an existing express app with MySQL DB.**

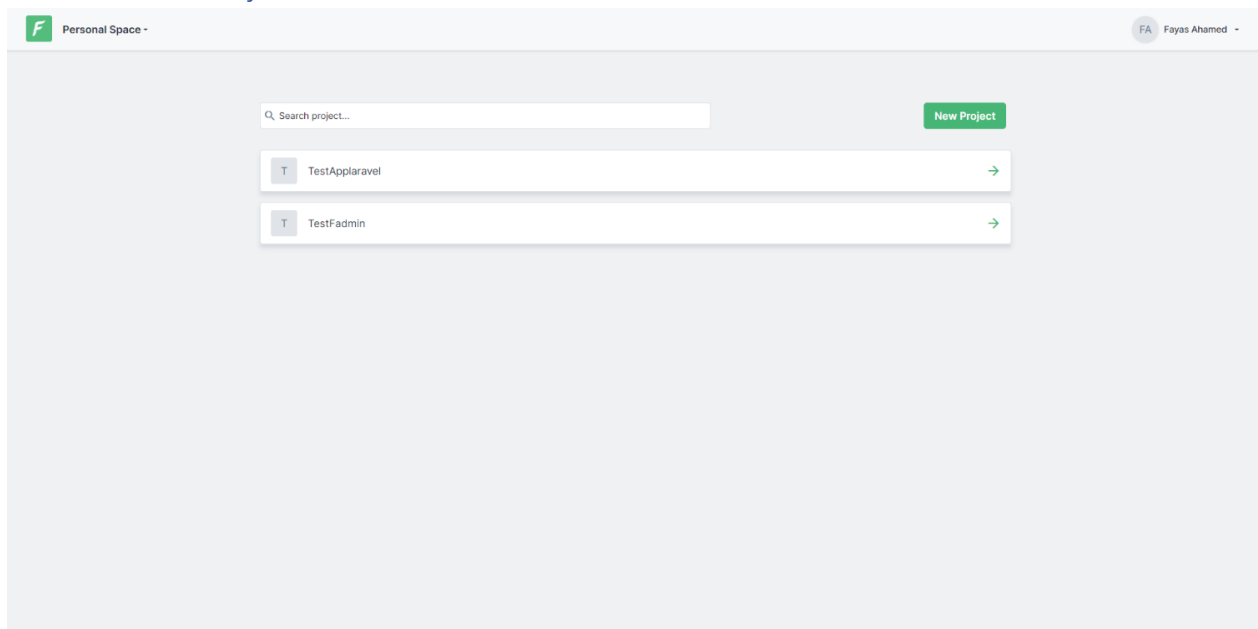
## Steps

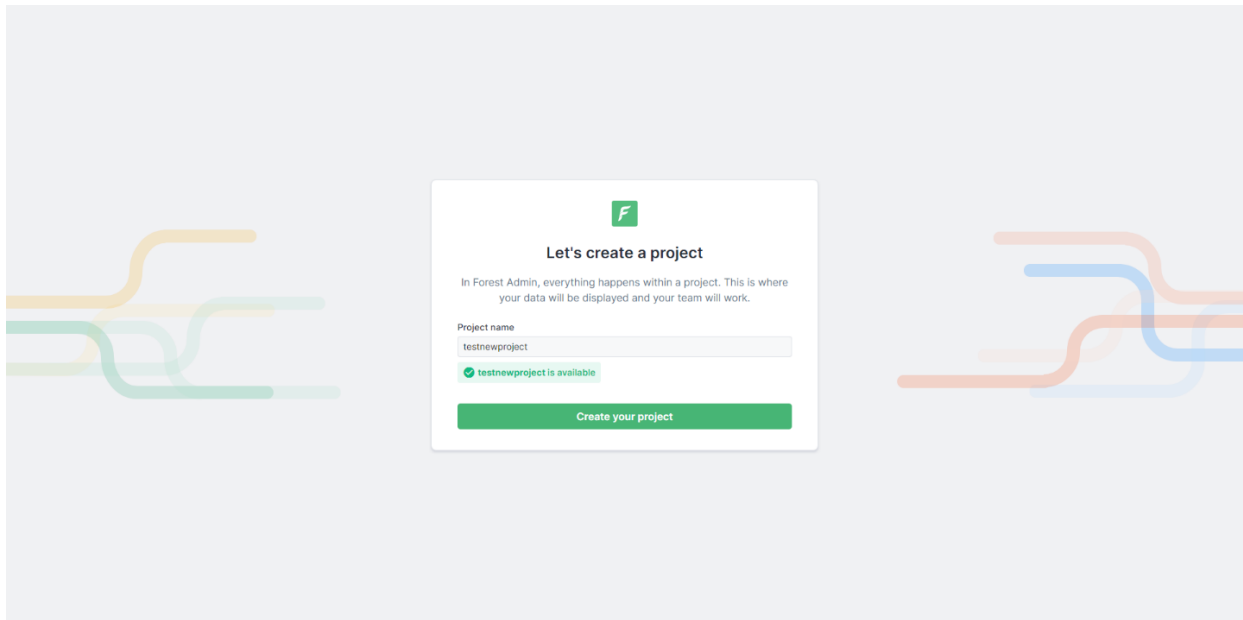
Create a forest admin account.

<https://app.forestadmin.com/signup>

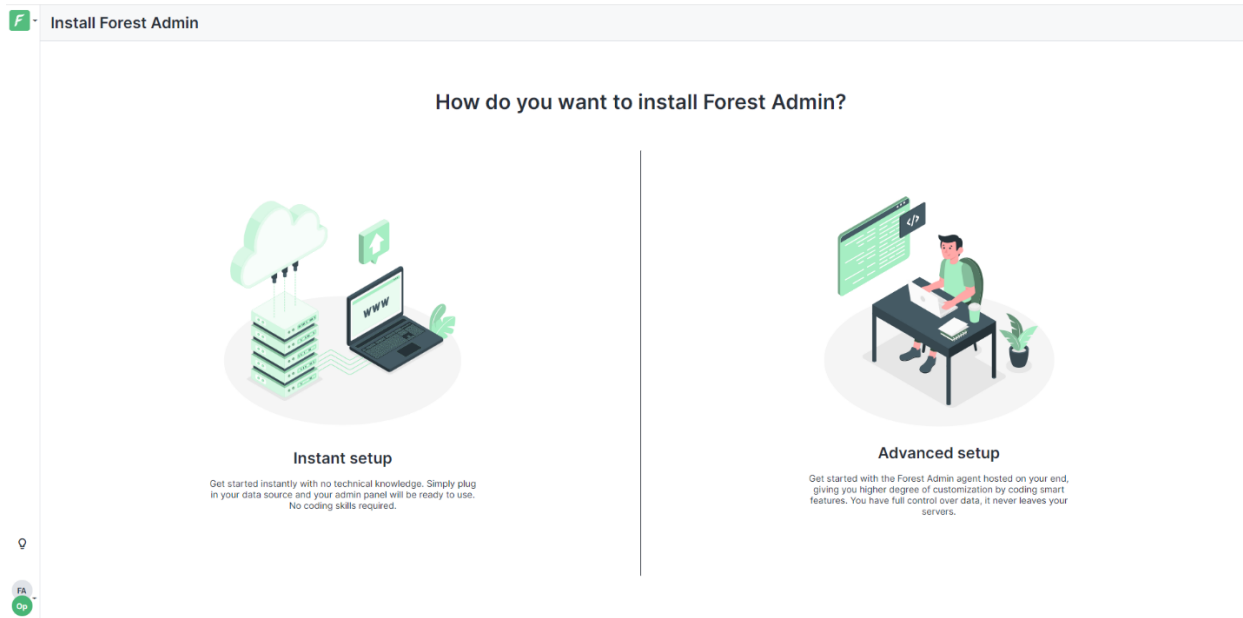
A screenshot of the Forest Admin signup page. The browser address bar shows 'app.forestadmin.com/signup'. The page has a light gray background with abstract orange, green, and blue line art on the left and right. In the center is a white 'Create your account' form. The form includes fields for 'First name' (filled with 'Erich'), 'Last name' (filled with 'Bachman'), 'Email address' (filled with 'erich@piedpiper.com'), and 'Password' (masked with dots). Below the password field is a link to 'Sign in here' and a note about terms of service and privacy policy. A 'Create account' button is at the bottom of the form. Below the form is a 'Sign up with Google' button.

## Create a New Project

A screenshot of the Forest Admin 'Create a New Project' page. The browser address bar shows 'app.forestadmin.com/new-project'. The page has a light gray background. At the top left is a 'Personal Space' header with a green 'F' icon. At the top right is a user profile 'FA Fayas Ahamed'. Below the header is a search bar with the placeholder 'Search project...'. To the right of the search bar is a green 'New Project' button. Below the search bar are two project entries, each with a 'T' icon, a name, and a right arrow: 'TestApplaravel' and 'TestFadmin'.



Next, Select the Advance setup.




Next, Select the inside my own app.





Setup Your Project


How do you want to install your admin panel?

[← Or back to hosting choice](#)










**Inside my own app**  
Add a package to your app and get going!





**As a microservice**  
Run a dedicated app on top of your database!




Next, Select NodeJS.


Setup Your Project


Inside my own app


[← Or back to installation type](#)





**What framework are you using?**

 Python

 Node.js  
JavaScript / TypeScript

 Ruby on Rails  
Ruby

 PHP

 Don't see your framework?  
Let us know!


Next, Select Express.

F


Setup Your Project


Inside my own app


[← Or back to installation type](#)





What ORM are you using?


Sequelize  
JavaScript / Node.js

Mongoose  
JavaScript / Node.js

Prisma  
JavaScript / Node.js

TypeORM  
JavaScript / Node.js

SQL database  
JavaScript / Node.js

Don't see your favorite ORM?  
Let us know!

9

FA

Op


Next, Select SQL database.

F


Setup Your Project


Inside my own app


[← Or back to installation type](#)





What ORM are you using?


Sequelize  
JavaScript / Node.js

Mongoose  
JavaScript / Node.js

Prisma  
JavaScript / Node.js

TypeORM  
JavaScript / Node.js

SQL database  
JavaScript / Node.js

Don't see your favorite ORM?  
Let us know!

9

FA

Op

Next, Select MySQL


FA

Op


Setup Your Project


Inside my own app


[← Or back to installation type](#)





What database are you using?


 You already have an app with a dedicated server and a database. Forest Admin will be installed directly into your app.


 PostgreSQL  
JavaScript / Node.js

 MicrosoftSQL  
JavaScript / Node.js

 MySQL  
JavaScript / Node.js

 MariaDB  
JavaScript / Node.js

 Supabase  
JavaScript / Node.js

 Don't see your database?  
Let us know!

Next, Add Application URL

FA

Op

Setup Your Project

Framework

Integration

Application URL

Install Forest package


Initialize Forest Admin

Environment variables

Start your server

Review

What is your local application URL?

 We use this URL to generate the right instructions in the next installation steps.

Enter the URL of your application

Need a hand?

[← Back](#)

[Next](#)

Next, Add Forest Admin packages to the existing application.

FA

Op

Setup Your Project

Framework

Integration

Application URL

Install Forest package

Initialize Forest Admin

Environment variables

Start your server

Review

### Install your Forest Admin agent

This will install the Forest Admin package in your environment, necessary to create the admin backend.

Choose how you want to install forest

Npm

Yarn

Add the Forest Admin agent and datasource package to your project

```
$ npm install @forestadmin/agent @forestadmin/datasource-sql
```

COPY

Need a hand?

I need help.

← Back

Next

Next, Add create agent code snippets to existing application

FA

Op

Setup Your Project

Framework

Integration

Application URL

Install Forest package

Initialize Forest Admin

Environment variables

Start your server

Review

### Initialize Forest Admin

These few lines have to be inserted at the top of your main application file, usually app.js or index.js.

Add those lines to your main application file

JavaScript

TypeScript

```
require('dotenv').config();

const { createAgent } = require('@forestadmin/agent');
const { createSqlDataSource } = require('@forestadmin/datasource-sql');

// Create your Forest Admin agent
// This must be called BEFORE all other middleware on the app
createAgent({
  authSecret: process.env.FOREST_AUTH_SECRET,
  envSecret: process.env.FOREST_ENV_SECRET,
  isProduction: process.env.NODE_ENV === 'production',
});

// Create your SQL datasource
.addDataSource(createSqlDataSource(process.env.DATABASE_URL))
// Replace "myExpressApp" by your Express application
.mountOnExpress(myExpressApp)
.start();
```

COPY

Need a hand?

I need help.

← Back

Next

Next, Env configuration

F

Setup Your Project

- Framework
- Integration
  - Application URL
  - Install Forest package
  - Initialize Forest Admin
  - Environment variables
  - Start your server
- Review

### Configure your environment variables

The environment variables are used to authenticate all requests made to your admin backend. [Learn more](#)

Add these environment variables to your project

KEY	VALUE	COPY ALL
FOREST_ENV_SECRET	77bc42830cba7bde8e6fa0262c6719ba06ce045a43d5b	
FOREST_AUTH_SECRET	2654ba2e37f836af371c0a80886d4f6d700df1dcfa0c99c	
DATABASE_URL	Set this value to your current database connection string	

Need a hand?

FA

Op

← Back

Next

Next, Serve the app and access to application through forest admin.

URL: <https://app.forestadmin.com/{proect-name}>

F

Setup Your Project

- Framework
- Integration
  - Application URL
  - Install Forest package
  - Initialize Forest Admin
  - Environment variables
  - Start your server
- Review

### Create your first admin panel!

You need to restart your server to see your admin panel in action! 🚨 The following command is probably the one you need but your project might have its own specificities.

Start your server by executing a command such as

```
$ npm start
```

Need a hand?

FA

Op

← Back

Waiting for your backend to run...



F

Setup Your Project

Framework


Integration

Review


Congratulations!

Your admin panel is now configured with 14 collections.


How easy was it to set up your project?



I experienced difficulties



It was OK



Everything went well

Thanks!

Your answer will help us improve our experience.

Skip →

Your admin panel is now configured!

×

F

Collections

Jump to...

Ctrl+K

Continents

Countries

Country Languages

Country Stats

Failed Jobs

Guests

Languages

Migrations

Password Reset Tokens

Personal Access Tokens

Region Areas

Regions

Users

Vips

Continents

Search within 7 continents...

Filter

Edit layout

Actions

+ Add

continent id	name
1	North America
2	Asia
3	Africa
4	Europe
5	South America
6	Oceania
7	Antarctica

1 OF 1

Your admin panel is now configured!

×

## Forest Admin architecture

More Details : <https://blog.forestadmin.com/a-deep-dive-into-forest-admins-architecture-and-its-benefits-for-the-developers-who-trust-it/>

## Forest Admin Features free vs pro.

More Details: <https://www.forestadmin.com/pricing>

## Custom charts and front-end customizations.

More details

<https://docs.forestadmin.com/documentation/reference-guide/charts/create-a-smart-chart>

<https://docs.forestadmin.com/documentation/reference-guide/smart-collections>

<https://glimmerjs.com/>

<https://d3js.org/getting-started>