GitHub Configuration Guide

How to connect your GitHub account with Prakalpa

This guide walks you through connecting your GitHub account to Prakalpa. The setup has three parts, and takes about 10 minutes:

- Part 1 — Create a GitHub Organization (Steps 1 to 5)
- Part 2 — Create a GitHub App inside that Organization (Steps 6 to 9)
- Part 3 — Collect the required credentials for configuring Prakalpa (Steps 10 to 12)

Every step below has a screenshot with the exact button or field highlighted. Please follow them in order, as each step continues from the previous screen.

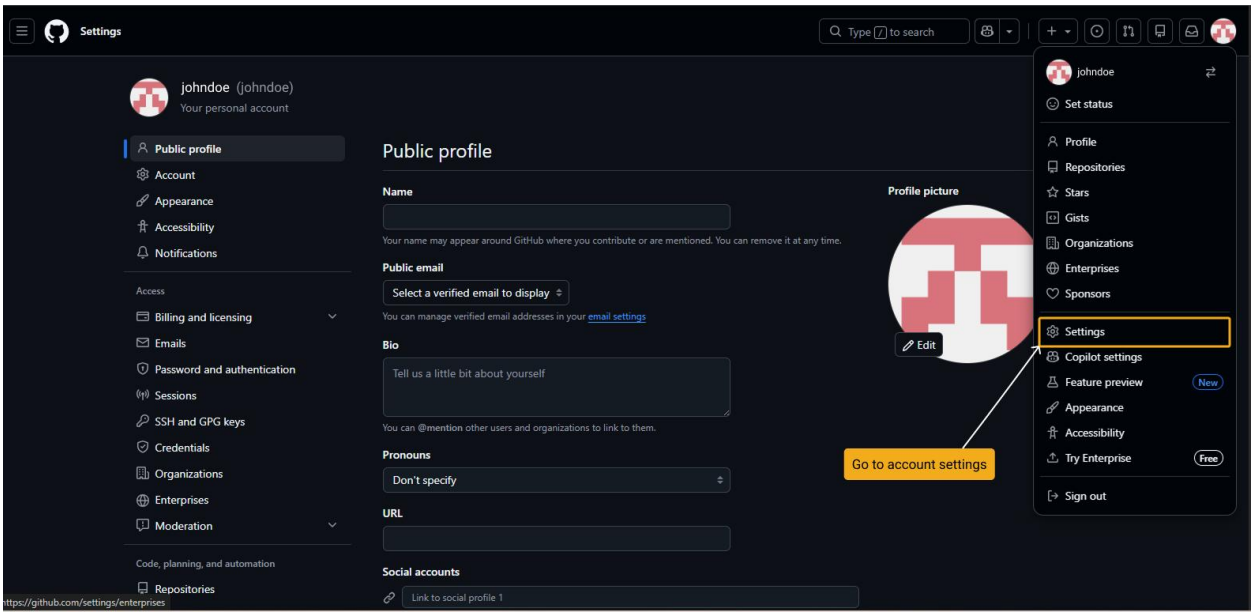
> **Before you begin**
>
> You will need a GitHub account that you are already signed in to.
>
> Keep our application open in a second browser tab. In Step 8 you will need to copy URL (Homepage URL) from the Connected App screen of our application.

Part 1 — Create a GitHub Organization

A GitHub App must belong to an Organization. If you already have an Organization you want to use, you can skip to Part 2.

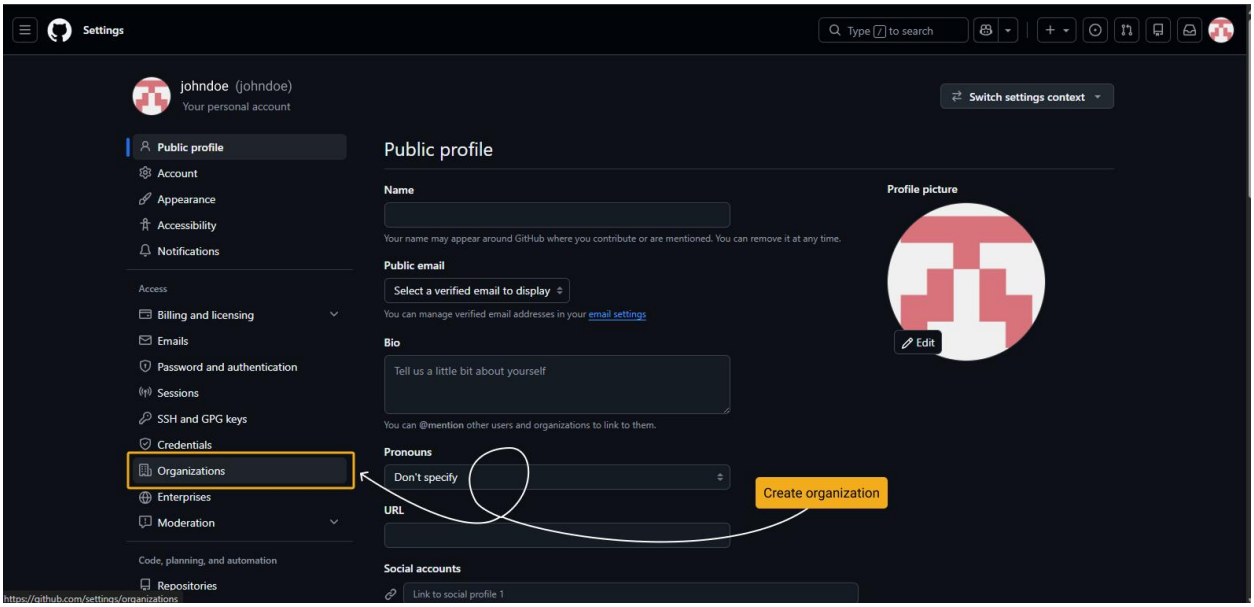
Step 1 — Open your account settings

Click your profile picture in the top-right corner of GitHub, then click Settings from the dropdown menu.



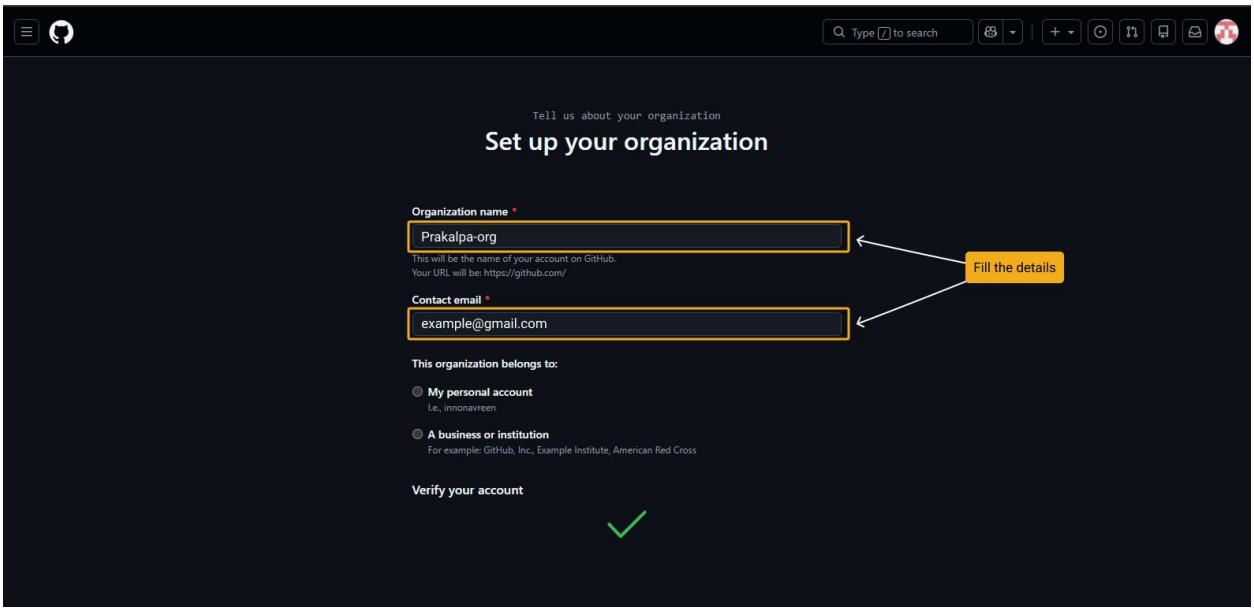
Step 2 — Go to Organizations

In the left sidebar, under Access, click Organizations. On the page that opens, click the New organization button and choose the Free plan.



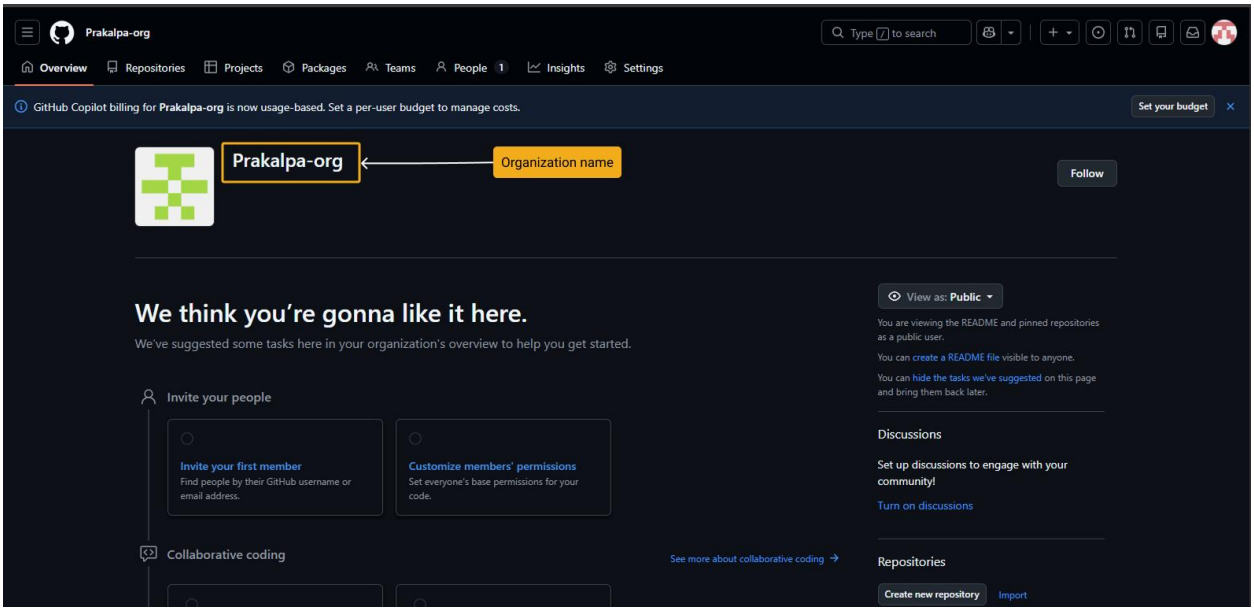
Step 3 — Fill in the organization details

Enter an Organization name and a Contact email. Choose whether the organization belongs to your personal account or to a business, complete the verification, and click Next to create it.



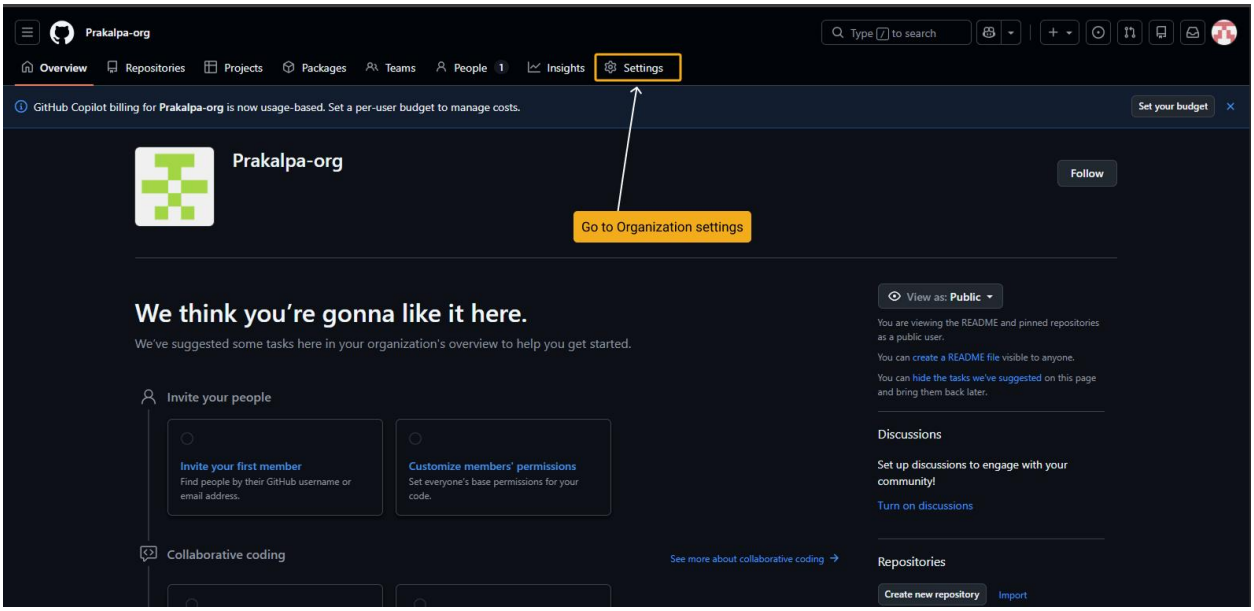
Step 4 — Note down the Organization name

Your organization is now created. The name shown at the top of this page is your Organization Name — please note it down, as you will need to share it with us at the end.



Step 5 — Open the Organization settings

From the organization overview page, click Settings in the top navigation bar.


Prakalpa-org
Type / to search
Overview
Repositories
Projects
Packages
Teams
People 1
Insights
Settings
GitHub Copilot billing for Prakalpa-org is now usage-based. Set a per-user budget to manage costs.
Set your budget
Prakalpa-org
Follow
Go to Organization settings
We think you're gonna like it here.
We've suggested some tasks here in your organization's overview to help you get started.
Invite your people
Invite your first member
Find people by their GitHub username or email address.
Customize members' permissions
Set everyone's base permissions for your code.
Collaborative coding
See more about collaborative coding
View as: Public
You are viewing the README and pinned repositories as a public user.
You can create a README file visible to anyone.
You can hide the tasks we've suggested on this page and bring them back later.
Discussions
Set up discussions to engage with your community!
Turn on discussions
Repositories
Create new repository
Import

Part 2 — Create a GitHub App

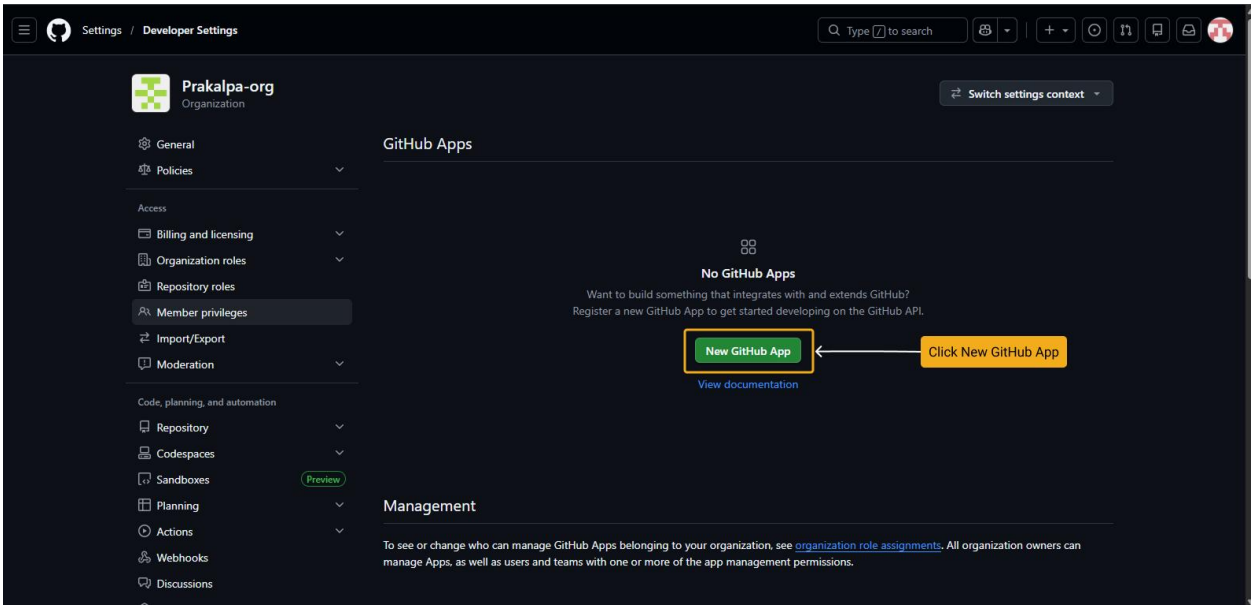
Step 6 — Go to Developer settings

Scroll to the bottom of the settings sidebar, click Developer settings to expand it, and then click GitHub Apps.



Step 7 — Click New GitHub App

On the GitHub Apps page, click the New GitHub App button to start creating your app.



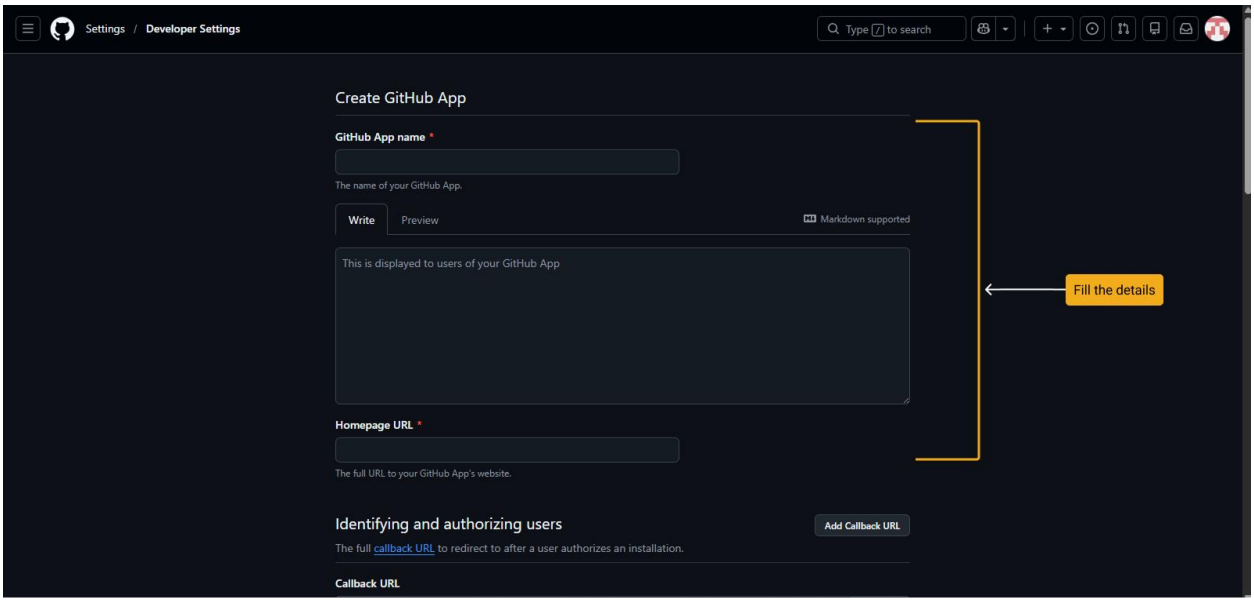
Step 8 — Fill in the app details and URLs

Fill in the following fields on the Create GitHub App form:

- GitHub App name — any name you like, for example "Prakalpa APP".

- Description — optional, a short note about what the app is for.
- Homepage URL — copy this from the Connected App screen in our application.

> **Where do these URLs come from?**
> The Homepage URL are all displayed on the Connected App screen inside Prakalpa application. Simply copy each one from there and paste it into the matching field on this GitHub form — please do not type them by hand, as a single wrong character will break the connection.



Step 9 — Set the permissions

Scroll down to the Permissions section and expand each group. Set the permissions exactly as listed below — the app will not work correctly with fewer permissions.

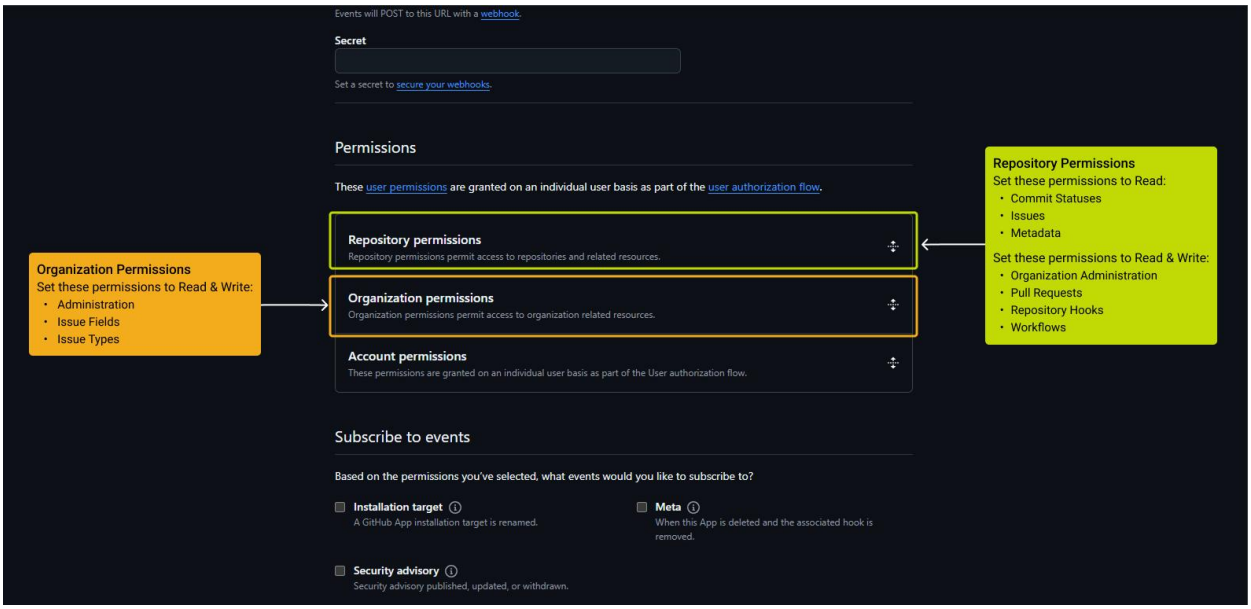
Repository permissions

- Read-only: Commit Statuses, Issues, Metadata
- Read & Write: Organization Administration, Pull Requests, Repository Hooks, Workflows

Organization permissions

- Read & Write: Administration, Issue Fields, Issue Types

When you are done, scroll to the bottom of the page and click Create GitHub App.


Events will POST to this URL with a webhook.
Secret
Set a secret to secure your webhooks.
Permissions
These user permissions are granted on an individual user basis as part of the user authorization flow.
Repository permissions
Repository permissions permit access to repositories and related resources.
Organization permissions
Organization permissions permit access to organization related resources.
Account permissions
These permissions are granted on an individual user basis as part of the User authorization flow.
Subscribe to events
Based on the permissions you've selected, what events would you like to subscribe to?
Installation target
A GitHub App installation target is renamed.
Meta
When this App is deleted and the associated hook is removed.
Security advisory
Security advisory published, updated, or withdrawn.
Organization Permissions
Set these permissions to Read & Write:
• Administration
• Issue Fields
• Issue Types
Repository Permissions
Set these permissions to Read:
• Commit Statuses
• Issues
• Metadata
Set these permissions to Read & Write:
• Organization Administration
• Pull Requests
• Repository Hooks
• Workflows

Part 3 — Collect your credentials

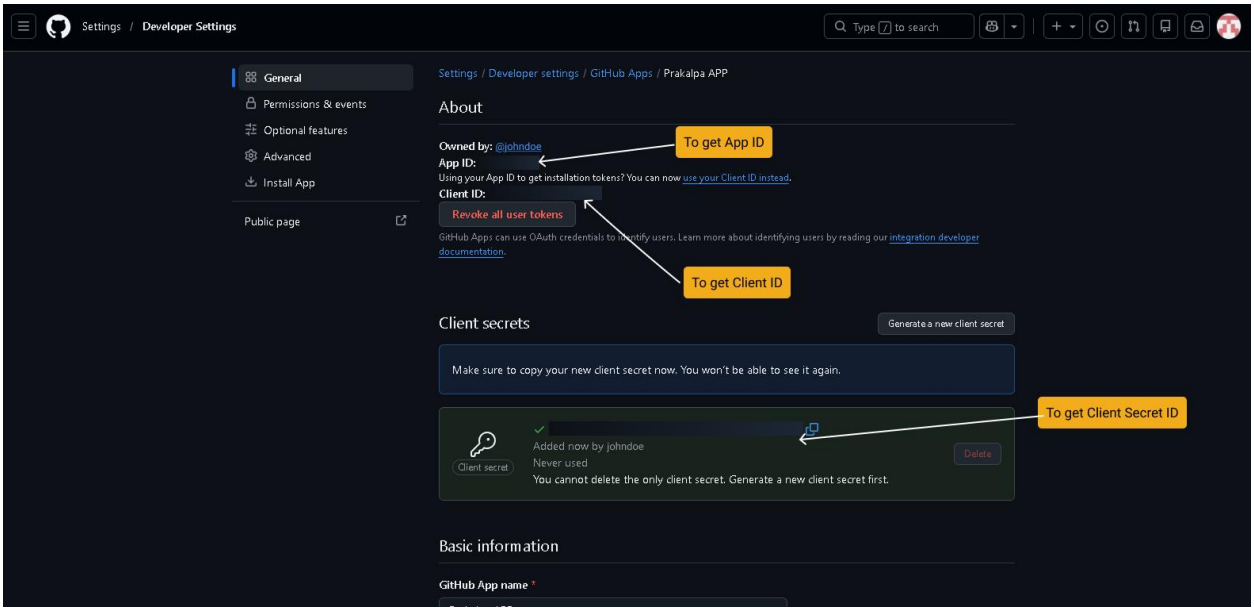
Your app is now created. The last few steps are about collecting the details we need in order to connect it.

Step 10 — Copy the App ID, Client ID and Client Secret

You are now on the app's General page. From the About section, copy the App ID and the Client ID.

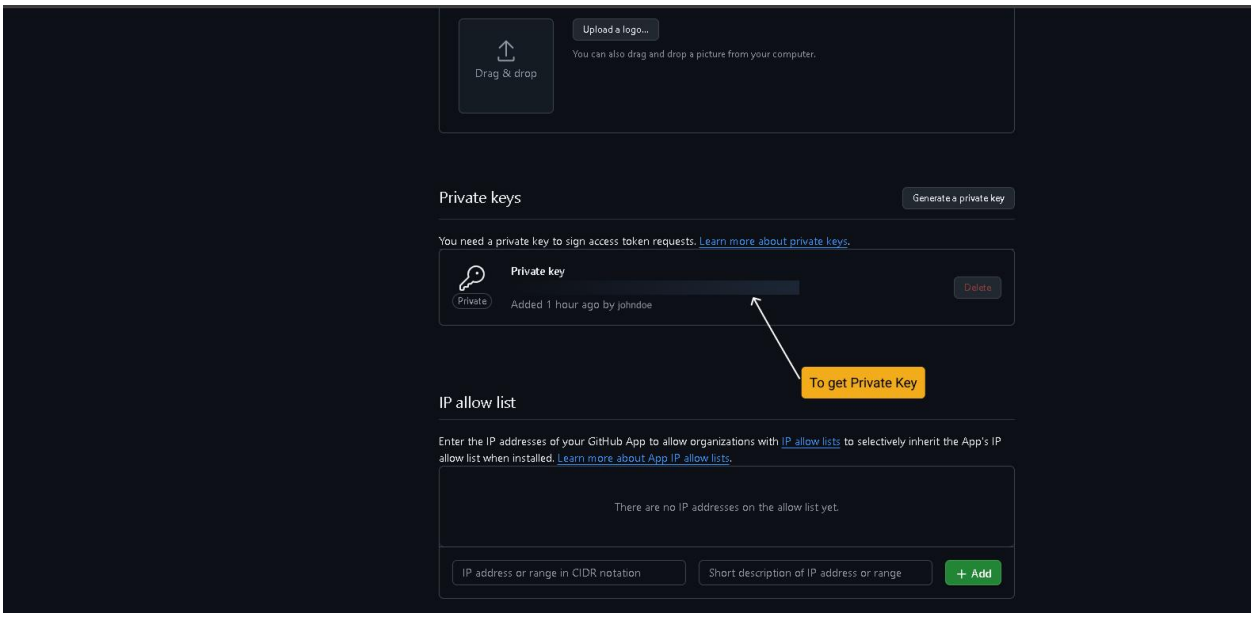
Next, in the Client secrets section, click Generate a new client secret and copy the value that appears.

> **Important**
> The client secret is shown only once. Copy it immediately and save it somewhere safe — if you close the page without copying it, you will have to generate a new one.



Step 11 — Generate the private key

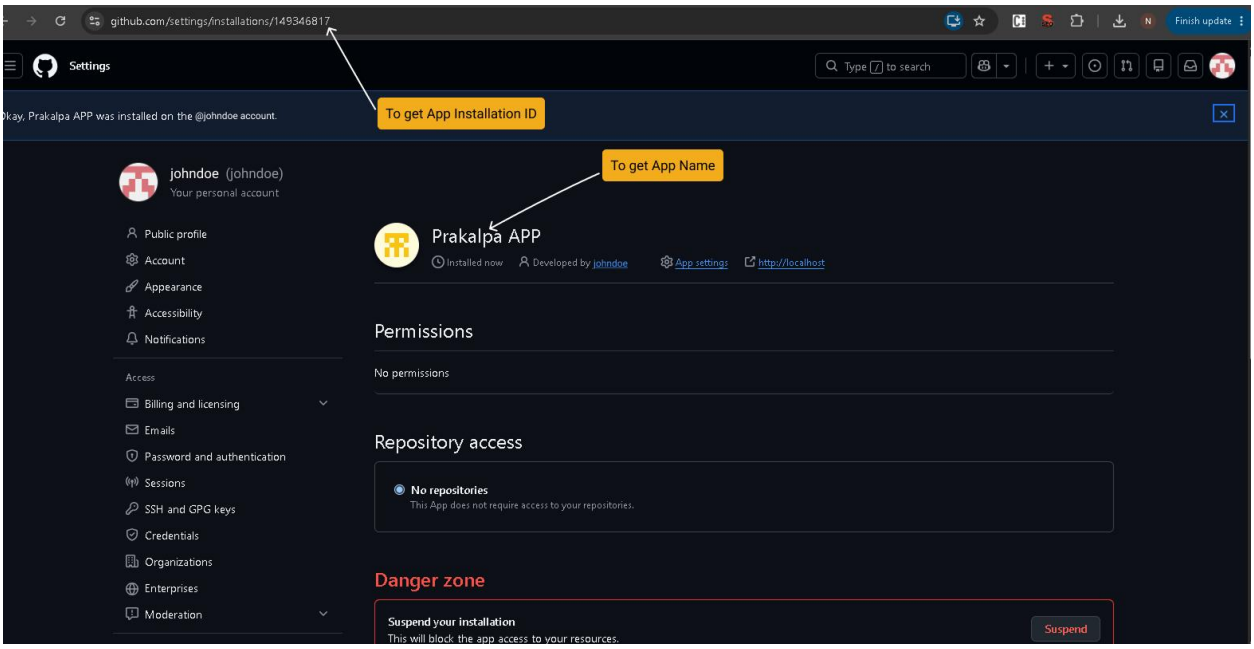
Scroll further down the same page to the Private keys section and click Generate a private key. A .pem file will be downloaded automatically to your computer — please keep this file, as you will need private key to configure github with praklapa.



Step 12 — Install the app and get the Installation ID

In the left sidebar of the app page, click Install App and install it on your organization. After the installation completes, you will land on the installation page.

- App Name — shown in the middle of the page (for example, "Prakalpa APP").
- App Installation ID — the number at the end of the browser address bar, for example github.com/settings/installations/149346817 → the Installation ID is 149346817.



What Need to Connect with Prakalpa

Once you have completed all the steps above, please configure the following details with prakalpa to complete the connection:

Credential	Where to find it
Organization Name	Organization overview page (Step 4)
App Name	App installation page (Step 12)
App ID	App → General → About (Step 10)
Client ID	App → General → About (Step 10)
Client Secret	App → General → Client secrets (Step 10)
Private Key (.pem file)	App → General → Private keys (Step 11)
App Installation ID	Browser URL after installing the App (Step 12)

A note on keeping your credentials safe

Please do not share these credentials with anyone else, and avoid posting them in public channels, shared documents or group chats.

Once we receive them, keeping your credentials safe is our responsibility. They are stored securely, used only to connect your GitHub organization with Prakalpa, and are never shared with any third party.

If you get stuck at any step, or something on your screen looks different from the screenshots, please reach out to us and we will be happy to help you through it.