Git Configuration and Tokens

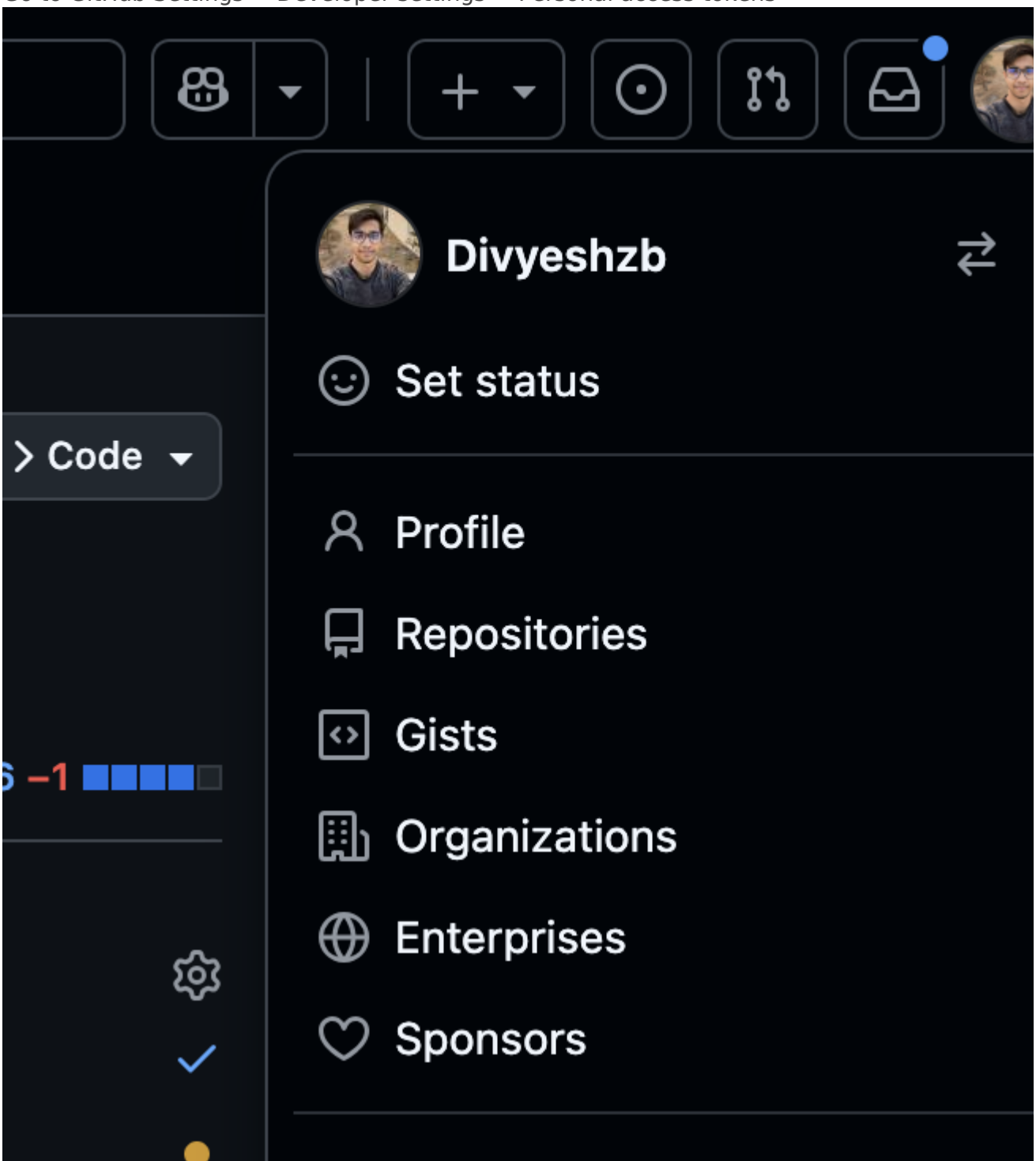
This section covers the setup and configuration of Git repository integrations with RoostGPT. To enable seamless integration between RoostGPT and your code repositories, you'll need to configure access tokens with appropriate permissions for your Git provider. These tokens allow RoostGPT to access your repositories, create webhooks, create PRs and manage test-related operations.

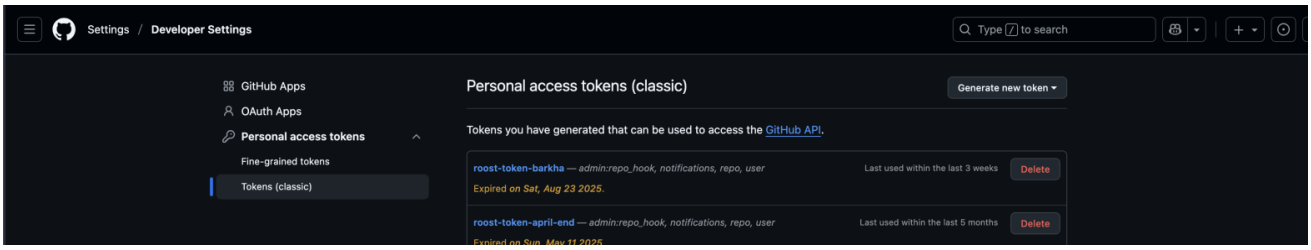
- GitHub (Cloud & Enterprise)
- Gitlab (Cloud & Self-hosted)
- Azure DevOps
- Bitbucket (Cloud & Server)

GitHub (Cloud & Enterprise)

GitHub Cloud (github.com)

- **Token Type**: Personal Access Token (Classic)
- **Generation Steps**:
  You can visit this site to quickly generate token
  https://github.com/settings/tokens/new?description=roost-token&scopes=repo,admin:repo_hook,notifications,user
  OR
  Follow this steps
  1. Go to GitHub Settings → Developer settings → Personal access tokens





2. Click "Generate new token" → "Generate new token (classic)"
3. Set expiration and select required scopes
4. Copy the generated token immediately

GitHub Enterprise Server

- **Token Type**: Personal Access Token
- **Generation Steps**: Same as GitHub Cloud but on your enterprise instance
- **Base URL**: Configure your enterprise server URL (e.g., `https://github.yourcompany.com`)

Required Permissions:

- `repo` - Full repository access (read/write to code, issues, PRs)
- `admin:repo_hook` - Repository webhook management
- `notification` - Access notifications
- `user` - Update ALL user data

Gitlab (Cloud & Self-hosted)

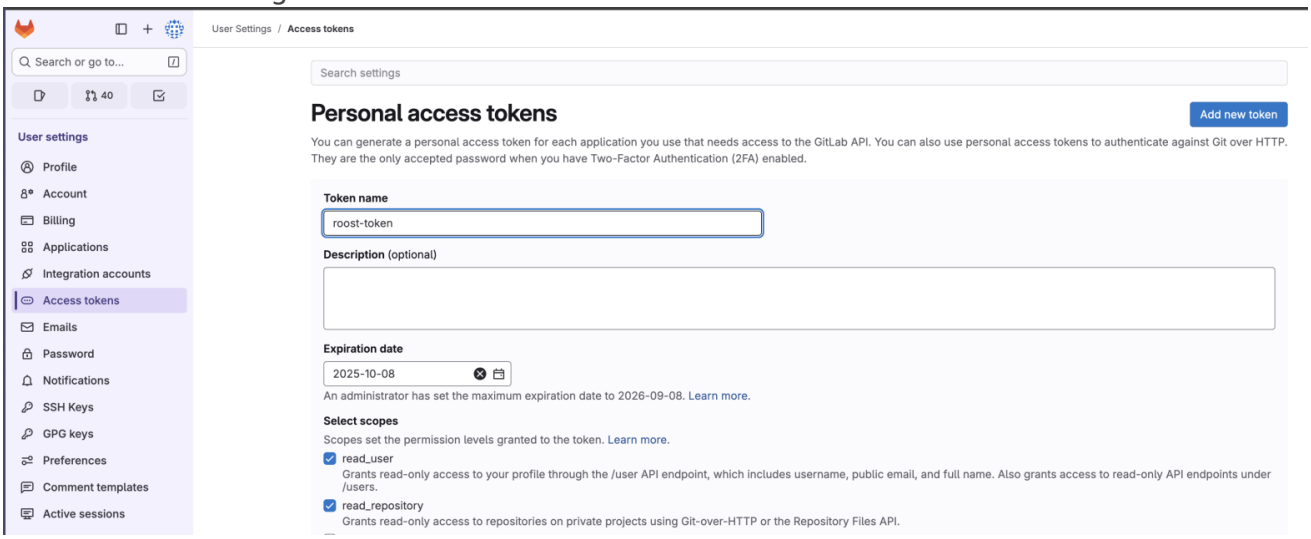
GitLab Cloud (gitlab.com)

- **Token Type**: Personal Access Token or Project Access Token
- **Generation Steps**:
  You can visit this url directly and generate access Token

  https://gitlab.com/-/user_settings/personal_access_tokens?page=1&state=active&sort=expires_asc

  OR

  Follow this steps
  1. Go to GitLab Settings → Access Tokens



  2. Enter token name and expiration date
  3. Select required scopes
  4. Click "Create token"

GitLab Self-hosted

- **Token Type**: Personal Access Token
- **Base URL**: Configure your GitLab instance URL

Required Permissions:

- `api` - Complete API access
- `read_repository` - Read repository content
- `write_repository` - Write repository content
- `read_user` - Read user information
- `read_api` - Read api information

Azure DevOps

Bitbucket (Cloud & Server)

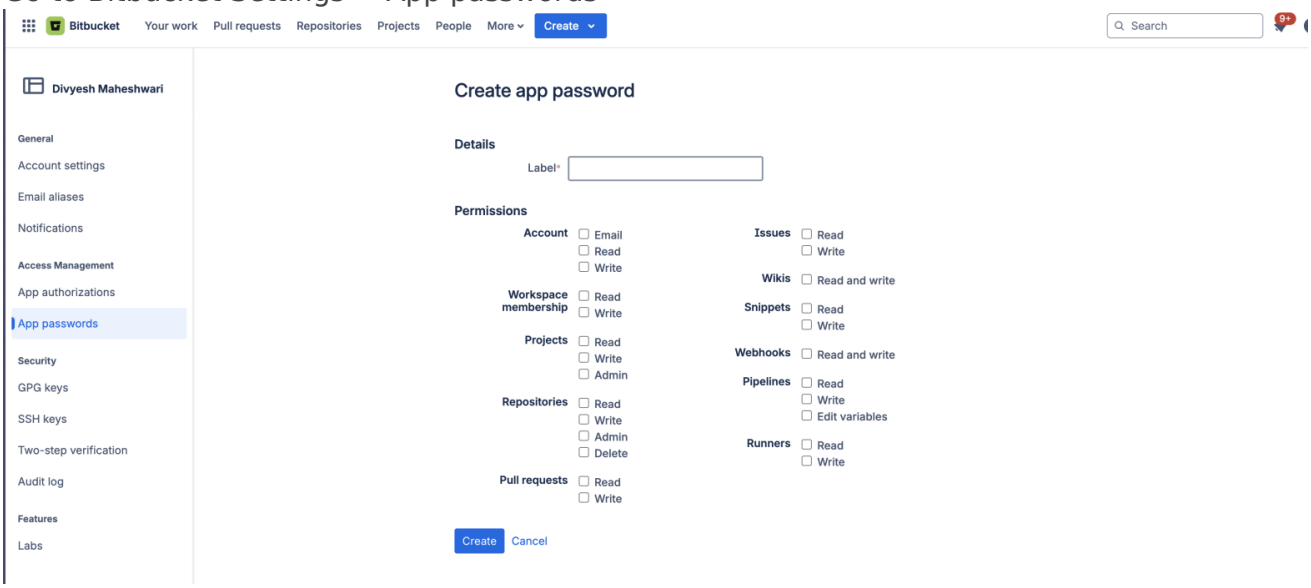
Bitbucket Cloud (bitbucket.org)

- **Token Type**: App Password or Repository Access Token
- **Generation Steps**:
  Use this link to directly generate App Password

  https://bitbucket.org/account/settings/app-passwords/new

  OR

  Follow this steps
  1. Go to Bitbucket Settings → App passwords



  2. Create label and select permissions
  3. Click Create

Bitbucket Server/Data Center

- **Token Type**: Personal Access Token
- **Base URL**: Configure your Bitbucket server URL

Required Permissions:

- `Account (Read)` - Account Information
- `Repositories (Read & Write)` - Repository access
- `Webhooks (Read & Write)` - Webhook management
- `Pull Requests (Read & Write)` - Pull request management
- `Projects (Read & Write)` - Project information access