GSOC’25 Proposal - Keploy

**<Project Name>**

*All sections in this template are compulsory, you are free to add your sections*

*Make sure you read* [*Project Ideas*](https://github.com/keploy/gsoc/tree/main/2025) *before writing your proposal. Note that each proposal is for one project only. You can send multiple proposals for the same organization for different projects. Read* [*GSoC guidelines*](https://google.github.io/gsocguides/student/writing-a-proposal) *for proposals.*

*Your proposal should contain at least the following information but feel free to include anything that you think is relevant.*

# Personal Details

Name:​

Course:​

Email:​ ​

Github:​

LinkedIn:

Phone:​

Current Country:

Link to Resume / CV:​

*\* All fields are compulsory*

## About Yourself

1. Please describe yourself, including your development background and specific expertise.
2. Why are you interested in the Keploy project(s) you stated above?
3. Have you participated in an open-source project before? If so, please send us URLs to your profile pages for those projects or some other demonstration of the work that you have done in open-source. If not, why do you want to work on an open-source project in GSoC this summer with Keploy?

## Commitment

1. Are you planning any vacations during the GSoC period?
2. How many classes are you taking during the GSoC period?
3. Do you have any other employment during the GSoC period?
4. How many hours per week do you expect to work on the project and what hours do you tend to work?

## Contributions so far

* PRs merged and Unmerged
* Issues, and bugs found
* Documentation contributions
* Other contributions

## Proposal

### Overview

* Provide a brief overview of your proposed solution and the objectives you want to achieve with your chosen project.
* Please include programming languages, tools and technologies you plan to use.

### Detailed

Describe your proposed solution in as much detail as you can. Explain what algorithms/technologies you intend to use/study (if any). You can also include links to additional details like diagrams, wireframes, information architectures, etc., outlining your ideas and acting as supplementary information for your proposal outside of this scope.

The strongest proposals will help us understand ***why*** these features are a good idea. How will the features you propose help the project or its users?

### Project Plan

How do you plan to spend your summer? Please include a preliminary plan, broken down by pre-Midterm and post-Midterm, on how you think you can fulfil your project in the time allocated. Try to be as specific and realistic as you can with your goals and timeline.

The project plan and its timeline will form a significant part of the assessment of your application, as well as mid-term and final evaluations.

### Project Plan - Preliminary Plan:

**(Community Bonding Period)**

- Understand Existing Codebase.

- Discuss with the mentor the best way to go about the implementation.

| Week Number | Start Date | End Date | Tasks to be completed |
| --- | --- | --- | --- |
| Week 1 |  |  |  |
| Week 2 |  |  |  |
| Week 3 |  |  |  |
| Week 4 |  |  |  |
| Week 5 |  |  |  |
| Week 6 |  |  |  |
| **Submission** |  |  |  |

### Major Milestones

List the major milestones (~3 of them) with approximate dates.

## Additional Information

Convince us, that you will be able to complete your project in the timeline you have described successfully. This is usually where people describe their past experiences, credentials, prior projects, schoolwork, and that sort of thing, but be creative. Link to prior work or other resources as relevant.

If you apply to more than one GSoC project, especially if you also apply for a project in another organization, specify which project you prefer. In case two organizations choose to accept your applications, we can then give you the project that is most important to you. Preferring the project of another organization will not influence our decision whether to accept your application.

If you would like to provide any other relevant information, please do so here.

### What to expect from your mentor (and what your mentor expects from you)

If you are selected to GSoC with Keploy, you can expect the following:

* We recognize that the goals may change during the project, and the mentors will accept modifications to the goals at any time. But they are also expecting to see the reasonable effort go into the initial project timeline. Any changes to your goals or plan are expected to be immediately communicated to your mentor.
* The scope of the project might change to fit in the duration of GSoC
* Your mentor will establish a weekly, synchronous check-in with you.
* In addition to that check-in, your mentor will discuss with you any specific status updates or any other regular communication they expect from you as well as which methods they prefer for documentation and collaboration (Google Docs, wiki, etc.).
* The project plan and timeline you outlined in your application will also form a significant part of your midterm and final evaluations.

## What to expect from GSoC at Keploy

We want you to have a productive, engaging summer. To that end:

* We will schedule several events throughout the summer where you can interact with other GSoC students and the rest of the Keploy community.
* You will have the opportunity to present your work to this broader community.