# Frontend

Frontend Developers work with the user-facing GUI components of the Formbar application. Potential applicants should have experience with or a willingness to self-teach the following:

* Javascript in a Browser Context
* Client-side websockets, especially with socket.io
* HTML templating with ejs
* Using JavaScript module APIs, such as canvasjs
* CSS for page layouts
* Collaboration skills with Github, including merging, issues and kanban boards
* Documenting instructions for users to use the application effectively

# Backend

Frontend Developers work with the user-facing GUI components of the Formbar application. Potential applicants should have experience with or a willingness to self-teach the following:

* Javascript in Nodejs
* Server-side websockets, especially with socket.io
* Using JavaScript module APIs, such as expressjs
* Working with databases, especially SQLIte3
* Interfacing with Raspberry Pi or Linux servers for deploying the application
* Collaboration skills with Github, including merging, issues and kanban boards
* Documenting instructions for developers to work with the application

# Auxiliary Fullstack

Auxiliary Developers are responsible for creating the code that will allow others to create 3rd party applications using OAuth2 and a API interfacing. They will also create example applications that interface with the Formbar. Potential applicants should have experience with or a willingness to self-teach the following:

* Javascript in NodeJS
* Any language for a 3rd party application (such as Javascript or Python for Raspberry Pi)
* Sending and handling various types HTTP requests
* Websockets, especially socket.io
* Documenting instructions for 3rd party developers to interface with Formbar

# Details

In either position you will be expected to attend a weekly SCRUM meeting with the instructor and others on the design team. At this meeting you are expected to be prepared to:

* Describe the issue you have solved since the previous meeting
  + Or provide a detailed description as to why the issue could not be completed
* Have documented any work since the previous meeting
* Describe and document the issue you will work on and complete before the next meeting

As compensation, you will receive a maximum of 10 pogs per week, modified by the quality of the work done and the expectations listed above. This score will also be your grade for the week. Additional completed work will be paid in more pogs. You will be excused from all CIW coursework (if you are not certified, you are still expected to complete it on your own time), and most weekly assignments.

Consistent failure to meet the above expectations will result in removal from the position, and you will be responsible for any missed CIW lessons and future weekly assignments.

To apply, send an email to [csmith@ytech.edu](mailto:csmith@ytech.edu). In this email, please state which or both positions, include a cover letter in the body or attached, a resume, and a portfolio or a link to one. Unserious or inappropriate applications will be ignored.