Shubham Shree

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.   GitHub-: https://github.com/shubhamshree10

Link to my CV-:
https://drive.google.com/file/d/1n-ADAt2io5YbEdaYhD7bZuTrLuaamiOD/view?usp=sharing

Short Bio -:

I'm a person with strong desire to contribute to Open Source World as, Nearly all the software
I'm using now is available to me for free. And I want the situation to improve further ; By making
All the softwares that a School/University student needs FREE !
Adding to all this, I have an analytical & Mathematical brain capable of solving very tough
problems ;
Proof being -: Represented my school at **National Level Mathematics Quiz** Twice.
Also qualified for **Indian National Mathematics Olympiad.**

Skills/Programming Languages -:

GIT & GitHub (Advanced Level)
C++ & C (Intermediate Level),
 jQuery,AJAX,NODE.JS,MySQL (Beginner Level)
Able to use UNIX environment & fluent with Bash Scripting.

Javascript (*Object Oriented Programming & Functional Programming*) [Intermediate Level]
HTML 5 (Advanced Level)
CSS (Intermediate Level)
XML & **XHTML** (Intermediate Level)

Data Structure & Algorithms (Beginner Level)
College level Mathematics (Calculus,Geometry & **Algebra**)
Markdown (Intermediate)
ARIA Markup

Special Ability -: Very **fast** in **Learning** anything .Ready to learn anything.

Projects Interested to Contribute to :

1.Open source plugin for math and algebra in Moodle -:
   a.ASCII MathML
b.jsMath
c.Math_jax filter

2. C -Scout AJAX-based Interface -:
            GitHub Issue #8 :   Convert documentation into markdown format

3.Software Components & IP Management (given Expert level experience is not required)

Ways I will contribute :

1.In the project :Open source plugin for math and algebra in Moodle -:
            MathML,
For the Braille problem -: I will use my knowledge of ARIA Markup(JS) to help in
conversion & making it easy for screen readers.

            ASCIIMath
With my advanced level fluency in HTML5 & XML,
It is easy for me to create an efficient & fast web editor.

            Math_jax filter
I have gone through documentation for using TeX notation in mathematical equations.
And it's very easy to grasp and work on.

2.C -Scout AJAX-based Interface -:
            GitHub Issue #8 :   **Convert documentation into markdown format**
   Syntax Highlighting & Literal HTML Blocks ,
I have go through the repo once again to solve them, still I can solve them as I already
have prior experience doing this.

3.Software Components & IP Management
        I have written this because I have intermediate knowledge regarding Networking. And
much details about this project wasn't given.
If my knowledge level matches with this project.
Then please do consider me !

Detailed Monthly Plan:

Week 1-4 : For MathML resolving problems related to Braille Script

Week 5-8 : Solving Problems related to ASCIIMath by creating a Responsive Web Editor

Week 9-12 : Using TeX notation for Math_jax filter

Reason for participating in GSOC'18

As I have clearly stated in my short Bio above, I would LOVE to see more open source software created for School Students, University Students, Teachers & Professors in backward countries.
So that nobody's Education gets hindered by the cost of teaching materials/software.

At the same time, I want to ensure that Quality of Software & Education delivered is World Class to Everyone.(Seriously, no compromises in this !)

Other than these, I wanted to put my Coding Knowledge to Excellent Work.
And I simply didn't want to sit Idle for my summers.

Why I'm a BETTER choice for this project

I'm a student of NIT Trichy, my college has been ranked **No.5 in India** for Computer Science & no.11 in India for all engineering streams.

I have also recieved **GOOGLE Udacity Challenge Scholarship** for Web Developers.
I also secured state ranks 1,2 & 3 in National Cyber Olympiad, India.

I have an Extraordinary Talent in Mathematics which makes me different from nearly all the Coders/Programmers out there. As stated in my Bio I performed exceptionally well in Mathematics by reaching National Level Quiz competitions.

I have a Strong foundation in Calculus & Algebra, hence any mathematical problem in this project will be very easy for me.
I possess an ability to learn things very fast, which can make me a perfect suit for any project; as I will learn anything & everything the project requires very fast.

I have an inherent interest towards contributing to Open Source & Education system.