Ready to apply for the MLH Fellowship? (Page 1 /10)

Hey, there! We're so excited to hear that you're interested in becoming an MLH Fellow in our upcoming batch.

At Major League Hacking (MLH) we know the power of hands-on learning first-hand. Every year, more than 135,000 aspiring technologists around the world participate in MLH events where they learn the skills that help them land jobs, launch startups, and everything in between. You can't learn these necessary skills in most classrooms, which is why so many people take their education into their own hands and join our community every year.

The MLH Fellowship is a collection of programs designed to make learning these skills easy, fun, and fast. By pairing educational and fun content with practice experience, you can learn a lot in a very short period of time. Whether you're looking to build out your initial portfolio of personal projects, polish up a project you're passionate about, or start contributing to Open Source, we have a program for you.

<u>**Upcoming Terms and Deadlines**</u>

Summer B 2024: Starts 17 June 2024

- Deadline for Applicants from Asia: 15 April 2024
- Deadline for Applicants from other regions: 31 May 2024

Fall 2024: Starts 16 September 2024

- Deadline for Applicants from APAC: 15 July 2024
- Deadline for Applicants from other regions: 31 August 2024

__The application takes approximately 30-45 minutes to complete.__ You can save your work at any time and come back to it in the future.

Eligibility Check (Page 2 /10)

Before we get too far along, let's confirm your eligibility for the program. In order to apply for this program you must meet __all__ of the criteria listed below.

Instructions
Congratulations! You are qualified to apply for the MLH Fellowship. Click "Next Page" below to continue your application.

Program Qualification Confirmation

- **Age: I am over the age of 18.**
- **Residency: I do not reside in a country embargoed by the United States.**
- **Time Commitment: I am able to commit at least 20 hours per week to the program.**
- **Communication: I am proficient with English, both written and spoken.**
- **Coding Experience: I can code proficiently in at least one programming language.**
- **Environment: I have regular access to quiet workspace for meetings & coding.**
- **A/V Setup: I have regular access to a video call quality Internet connection, webcam, & microphone.**
- **Event Attendance: I have participated in at least one MLH Hackathon or Global Hack Week event.**

Create your Profile (Page 3 /10)

Let's start by collecting some basic information about you and where we can find you on the internet.

Basic Information

First Name   Last Name
Sujal   **Chahande**

Primary Email Address
sujalchahande3@gmail.com

Portfolio/Resume

We ask you to share a copy of your resume and links to your online profiles to help us better understand your experience level and background. The more information you can share with us, the better!

*You must share **at least one** of the listed items with us to submit an application. Uncheck the box next to anything that you don't currently have.*

Which of the following do you have that you can you share with us?
- **Resume**
- **GitHub Profile**
- **LinkedIn Profile**

Resume
Sujal_Chahande_NITRR26 (1).pdf

GitHub   GitHub Handle
http://github.com/ **Sujal7ss**

LinkedIn   LinkedIn Handle
http://linkedin.com/in/ **sujal-chahande7**

Programs (Page 4 /10)

The MLH Fellowship is a collection of 12-week programs designed to help you level up your tech skills quickly. Whether you're looking to build out your initial portfolio of personal projects, start contributing to Open Source, or gain practical experience solving real problems for companies, we have a program for you.

In this section you'll learn about some of the key ideas behind the fellowship and tell us which programs you're interested in.

Citizenship / Visa Status

Some opportunities require you to hold citizenship or a visa in your country of residence or the country where the employment partner sponsoring your participation is located.

Country

India

In which country will you primarily reside in during the program, if accepted?
India

Do you have work authorization in any additional countries?
No

Program Selection

Which program type would you like to apply for?	Which programs(s) would you like to be considered for?	Term
MLH Fellowship Program	**- Software Engineering** **- Web3 Engineering**	**Fall 2024 (Sept 16th - December 6th, 2024)**

Scheduling Preferences

Time Commitment
- I am able to commit at least 20 hours per week to the program.

During which time blocks are you available to meet with staff or other Fellows, should you be admitted?
- 02:00 GMT
- 15:00 GMT
- 18:00 GMT
- 19:00 GMT
- 20:00 GMT
- 21:00 GMT
- 22:00 GMT
- 23:00 GMT

Education Experience (Page 5 /10)

Overview

Are you currently enrolled as a student in an academic institution?
Yes

Current Academic Experience

Current Institution Name	Current Institution Type
National Institute of Technology, Raipur	**University - Undergraduate (3-5 year degree)**

Expected Graduation Month	Expected Graduation Year
February	**2026**

Major
Computer Science / Software Engineering

Type of Credential Granted
Degree

Professional/Work Experience (Page 6 /10)

Overview

Are you planning to look for a coding job in the next 12 months?
Yes, I will be looking within 12 months

Job Search

You indicated you'll be looking for a coding job within the next 12 months. Tell us about your plans.

When would you be looking to start that job/internship?
Fall (September - December)

Are you open to remote work opportunities?
Yes, I'm exclusively looking for remote opportunities

Developer Experience (Page 7 /10)

Experience

Please rate your level of familiarity with the following programming languages:

Android (Java/Kotlin)
Very unfamiliar, have never used

C
Somewhat unfamiliar, have used before but am not comfortable

C++
Very proficient, use frequently

Rust
Very unfamiliar, have never used

Go
Very unfamiliar, have never used

iOS (Swift/Objective-C)
Very unfamiliar, have never used

Java (Non-Android)
Somewhat unfamiliar, have used before but am not comfortable

JavaScript
Very proficient, use frequently

TypeScript
Somewhat unfamiliar, have used before but am not comfortable

Julia
Very unfamiliar, have never used

PHP
Very unfamiliar, have never used

Python
Very proficient, use frequently

Ruby
Very unfamiliar, have never used

SQL (MySQL, PostgeSQL, etc.)
Very unfamiliar, have never used

Haskell
Very unfamiliar, have never used

OCaml
Very unfamiliar, have never used

Please list any programming languages with which you are proficient not listed above:

Which of the following have you done before?
- Built a website with HTML, CSS, and JavaScript
- Built a frontend web application using a front-end framework
- Built a web server or API
- Posted or pulled data from an API
- Used Git to create and merge pull requests
- Used a package manager
- Have contributed to Open Source
- Asked a question on Stack Overflow
- Answered a question on Stack Overflow
- Demoed a project at a hackathon

Interests

Which of the following areas do you have specific interests in?
- Advanced Science & Math
- AI / Machine Learning
- Back-end Development (Web & Mobile)
- Compiler / Programming Language Design
- Computer Vision
- Databases (Design & Architecture)
- Front-end Development
- Web APIs (REST & GraphQL)

Code Sample (Page 8 /10)

Overview

At Major League Hacking we don't believe in whiteboarding interviews. Instead, we prefer to talk about the code you've written. As part of your application you should submit a code sample that you feel demonstrates your abilities. We'll review this sample ourselves while looking over your application. If you're invited to a tech interview, you'll talk about this specific code with your interviewer.

Code Sample Requirements:

- **Representative:** The sample should be representative of your abilities. If you're submitting a group project, make sure you contributed a substantial amount of code. Projects that are based mostly on a tutorial aren't representative of your own abilities.

- **Existing sample:** This is code that you wrote for a purpose other than this application.

- **Public on GitHub:** Your sample should be viewable on GitHub publicly. If you can't make the repository public, convert your code to a secret GitHub Gist instead.

- **Multiple files:** Your sample should consist of multiple files and be of substance. It's hard to have a conversation about a single function.

- **Not too large:** It's difficult to have a conversation about a mono-repo with dozens of microservices. It should be immediately clear what you contributed to the sample. Dense frameworks with lots of boilerplate such as Django or Laravel don't usually make for good code samples. Lightweight frameworks such as Flask and Express are good examples.

- **Real problem:** Your sample should solve a real problem or accomplish a real goal. While some class projects will meet this criteria, most won't. There's nothing wrong with the

binary search tree you wrote, but it'll be hard for your interviewers to get to know you through that kind of sample.

- **No Jupyter notebooks:** We need to see your ability to write a project that an end user can use. It should be deployable. We don't accept Jupyter notebooks or other exploratory code samples because it's difficult to have a conversation about your coding skills with these.

- **Aligned with our available tracks:** The Fellowship currently supports projects primarily in the following coding languages: **JavaScript, TypeScript, Python** (especially the SRE track), and **Rust** (especially the Web3 track). You will give yourself the best chance of admission if you submit a project in one of those languages. You may still submit in any language you like, but you may be asked to provide a supplemental code sample later in the admissions process in order for us to assess your proficiency.

Examples of good code samples

- A web app with JavaScript
- A web server (backend only)
- A desktop app
- A command line app

Examples of poor code samples

- Jupyter notebooks
- Tutorials
- Simple static sites with no logic *(i.e. without JavaScript / similar)*
- Algorithm implementations / competitive coding solutions
- University or bootcamp coursework *(as these often contain too much boilerplate and aren't representative of your own abilities)*

What to do if you don't have an appropriate code sample:

If you don't have a relevant code sample, our best advice is to attend one of the upcoming MLH hackathons and submit whatever you build there. MLH has hackathons taking place every weekend of the year and they are open to both students and professionals.

Code Sample

Code Sample GitHub URL	Which programming language/technology are your contributions to this code sample primarily written in?	Appropriate Code Sample Confirmation	Briefly describe what this code sample does:	Brie desc you whe crea cod
https://github.com/Sujal7ss/CodSoft/tree/main/Task2	JavaScript (SWE)	**- I understand that the MLH Fellowship tracks primarily require proficiency in JavaScript, TypeScript, Python, or Rust, and that if I have submitted a code sample in another language, I may be asked to provide a**	**This is a Job listing application build using MERN stack. Candidates can apply to the jobs. Employers can create new jobs and select deserved candidates for the role.**	**Des web hoo Rea stat mai Buil mul and resp web lear to n mo Sch mor Set serv han**

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Essay Questions

Essays are an important part of how we evaluate applicants for the MLH Fellowship. Make sure you include enough information to help us understand who you are, why you want to be an MLH Fellow, and what you would bring to the program.

Your essays are your first impression to our admissions team. The best essays show us how passionate you are about this opportunity and give us lots of detail about you and your interests. Take your time here and show the best possible version of yourself! There is no word count minimum, but we recommend at least a paragraph or two for each essay.

We recognize that many applicants will want to use AI-enhancing tools to polish their essays (ChatGPT, Bard, etc.) While we recognize the value that these tools can provide in enhancing or streamlining your writing, we have found that applicants who rely too heavily on these tools are unlikely to be ready for the high-level communications required to participate in the program. Our recommendation is to write your own personalized essays from scratch and only use AI tools for enhancements or corrections. Submitting a fully AI-crafted essay may result in your disqualification.

Why do you want to become an MLH Fellow?

I want to become an MLH Fellow because of my passion for software engineering and my urge to gain practical experience beyond what the classroom has to offer. Having the opportunity to work on real-life projects with one of MLH's partners excites me since I will get to work on projects that are so important that tech companies use every single day. I am most excited to learn from professionals, to be mentored in the technical and personal aspects that have to do with me. Collaboration is a core value of mine, and I will be geared to work within a team, learning from my peers and taking part in contributing to an active community of like-minded individuals. So far, my experience has been learned from the number of team projects I have undertaken in my studies. That took me to the core of appreciating collaboration in problem-solving and agile methodologies. A key project that really stands out to me was when I headed a team to design a web application that seeks to connect the mentors with the mentees of our college. The students from 3rd and 4th years, having exceptional knowlwdge in their field are choosen as mentors and they guide the 1st and 2nd yr students in their path. The career aspiration that aligns with this experience is that of becoming a highly qualified software engineer, able to impact society with technology. I really do commit to making use of this opportunity for the sharpening of my skills and expanding my network as I contribute to the tech community. In all, the MLH Fellowship will be one of those experiences that will help bridge the gap between academic learning and real-world applications, setting me on a successful software engineering career path.

The MLH Fellowship is a diverse community that welcomes Fellows from a wide range of experiences and backgrounds. What perspective or experience will you bring to the fellowship to strengthen our community?

With a background where I balanced my computer science studies with active participation in community service initiatives, I bring a very diverse set of experiences that I believe will add value to the fellowship. Unique to this would be a blend of my cultural background. Growing up in a multiculture has trained me to appreciate differences in viewpoints and problem-solving approaches. The ability to speak multiple languages fluently has given me a real upper hand in connecting with people from a large, varied audience and thus helped me achieve a global view—something that, in my view, is very important in this day and age. My experience with several projects, such as an AI application to improve accessibility for the visually-abled, enabling them to navigate with computer vision, and also integrated gemini AI to access it as a chatbot, taught me the significance of user-centered design and empathy in software development. This project, in particular, compelled me to work closely with users in order to understand their needs and challenges. This skill I am really eager to bring to the MLH Fellowship. Other than the technical skills, I bring a strong sense of commitment toward community and teamwork. At the university level, I headed a coding club that organized workshops and hackathons, creating a supportive and inclusive environment for students of all levels of skill. I learned the value of mentorship, the value of working collaboratively, and the power of a really diverse community trying to realize some common goal.

Anything else we should know about you?

Apart from the skills and academics, there are a few things about me that I think will bring value to the community of the MLH Fellowship. First of all, I am a musician. I have loved music and have played the guitar since I was in first year. This hobby has taught me discipline, patience, and practice. Basically, creating music is about harmonious cooperation and deep knowledge of the strengths of others. There is this one project from the tech side that just gets me so hyped. I am developing a web application that will help small local businesses create an online presence. It all stemmed from my desire to support local entrepreneurs, mainly those in the digital divide. It made me apply my coding skills to solve real-world problems, demonstrating my commitment to using technology for social good. In my life, I was defined by the fact that, during my second year at university, I had to overcome a very big personal challenge: managing my studies with being a caregiver for a family member who was seriously ill. Of course, it taught me to get up again, to manage my time well, and to search for support when needed. It has therefore shaped me to become more empathetic and determined— qualities I believe the MLH Fellowship community needs.

Optional Questions (Page 10 /10)

Demographics

We invite applicants to self-identify as to their pronouns, gender, race/ethnicity, and veteran status. Completion of this form is entirely voluntary and declining to provide this information will not subject you to adverse treatment. Any information that you do provide will be maintained confidentially and will not be shared.

All individuals seeking to join the MLH Fellowship are considered without regard to race, color, religion, national origin, age, sex, marital status, ancestry, physical or mental disability, veteran status, gender identity, sexual orientation, or any other legally protected characteristic. You are being given the opportunity to provide the following information in order to help us measure our own diversity and inclusion efforts and to comply with applicable federal and state Equal Employment Opportunity record-keeping and reporting obligations.

What are your pronouns?
He/Him

Gender   Race/Ethnicity
Male   Indian

Do you identify as part of an underrepresented group in the technology industry?

Yes

Misc.

How did you hear about the MLH Fellowship?
I saw it on the MLH website

Stay Informed about the MLH Fellowship:
- I authorize MLH to send me occasional emails about relevant events, career opportunities, and community announcements

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Attached File:

Sujal_Chahande_NITRR26 (1).pdf (105 KB)