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.

Upcoming Terms and Deadlines

- Fall 2023: Starts 18 September 2023
    - Deadline for Applicants from Asia: 31 July 2023
    - Deadline for Applicants from other regions: 31 August 2023
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- Spring 2024: Starts 29 January 2024
    - Deadline for Applicants from Asia: 30 November 2023
    - Deadline for Applicants from other regions: 31 December 2023

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.*

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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.**

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
Nikhil   Singh

Primary Email Address
nikhilsingh526452@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**
- **Personal Website / Portfolio**

Resume

GitHub   GitHub Handle
http://github.com/ codewithnick

LinkedIn   LinkedIn Handle
http://linkedin.com/in/ codewithnick

Personal Website URL
https://codewithnick.github.io/

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** **- Site Reliability Engineering**	**Spring 2024 (January 29th - April 19th, 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?
- 05:00 GMT
- 10:00 GMT
- 12:30 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
Nit Jamshedpur	**University - Graduate Level**

Expected Graduation Month	Expected Graduation Year
May	**2025**

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?
                                                                Summer (May - August)

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)
Somewhat unfamiliar, have used before but am not comfortable

C
Somewhat proficient, use occasionally

C++
Somewhat proficient, use occasionally

Rust
Very unfamiliar, have never used

Go
Somewhat unfamiliar, have used before but am not comfortable

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

Java (Non-Android)
Somewhat proficient, use occasionally

JavaScript
Somewhat proficient, use occasionally

TypeScript
Somewhat proficient, use occasionally

Julia
Very unfamiliar, have never used

PHP
Somewhat proficient, use occasionally

Python

Very proficient, use frequently

Ruby
Very unfamiliar, have never used

SQL (MySQL, PostgeSQL, etc.)
Somewhat proficient, use occasionally

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
- Built a mobile application
- Built a desktop application
- Used Git to create and merge pull requests
- Written unit tests
- Used continuous integration
- 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
- Pair programmed

Interests

Which of the following areas do you have specific interests in?
- Back-end Development (Web & Mobile)
- CI/CD
- Cloud Computing
- Community Management
- Databases (Design & Architecture)
- Developer Relations
- DevOps
- Documentation & Technical Writing
- Front-end Development
- Shell Scripting
- 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:	Briefly descri you le when create code s

| https://github.com/codewithnick/searchenginepy | Python (SWE, SRE, Web3) | - 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 supplemental code sample. | This is an open sourced pypi package that lets developers use search engines effectively, for example if I wanted to search something using google search engine I could do it using this module, which can return me a list of links for my search query. IDEA: I am also planning to add parameters like pages, headers, proxies, locations and other Parameters by accepting open source contributions from my friends at college. currently we have 4 working search engines brave, google duckduckgo and bing, will add more in future. | I wan creat proje becau `goog pypi p was r updat was h use , there simila altern so I d devel own , creat this p learn thing how t and h Pypi p from also I how g actior (CI/CI I also abou of un and h it. No this b am te my fr abou codel how t contr its bette |

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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 join this fellowship because it aligns perfectly with my goals and passions. I also have a strong interest in technology and learning new things. Another reason is that the fellowship offers great opportunities to improve my skills. I'll have access to workshops, mentors, and resources that can help me become better at using the latest technologies. I'll also get to work on real projects, guided by experienced mentors, which will teach me a lot. Another reason is the chance to meet and work with other people who share my interests. I'll have the opportunity to collaborate with professionals, fellow Fellows, and like-minded individuals. This will help me build a network of contacts and friends, and we can work together on exciting projects. I also want to make a positive impact through my work. The fellowship allows me to contribute to meaningful projects that can solve real-world problems. I want to use technology to make a difference in people's lives and leave a long lasting impact. Lastly, I'm very excited and eager to be part of the MLH community. It's a supportive and inclusive environment where I can share ideas and learn from others. Being involved in this community will surely inspire me and provide opportunities for growth. In summary, becoming an MLH Fellow will provide me with the chance to improve my skills, collaborate with others, make a positive impact, and be part of a supportive community. I'm excited about the opportunity and eager to contribute my enthusiasm and creativity to the fellowship program.

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?

As an MLH Fellow, I have some unique experiences that can help strengthen our diverse community. Firstly, I have worked as a freelancer for three years, which means I have a lot of experience understanding and communicating with clients. I know how to listen to their needs and make sure I deliver what they want. This skill will be valuable in our collaborative environment, where good communication is essential. Secondly, I have mentored and taught workshops on basic technologies and programming languages at my college. I have helped many of my peers learn and achieve their goals. As a Fellow, I can bring this mentoring experience to support and motivate other Fellows in their learning journeys. Lastly, I have worked on many team coding projects and handled multiple teams at the same time. This has given me strong teamwork and leadership skills. I understand how to work well with others, coordinate effectively, and create a positive team environment. I will use these skills to foster collaboration and support within our fellowship community. In summary, my experience as a freelancer, mentor, and team collaborator will contribute to the strength and inclusivity of our community. I can bring effective communication with clients, mentoring support for fellow Fellows, and a collaborative mindset that will help create a supportive environment for everyone involved.

Anything else we should know about you?

In addition to what I've shared, here are a few more things I'd like to share. Firstly, I love learning and always seek out new opportunities to grow. I'm motivated to make the most of the MLH Fellowship and actively contribute to the community. Secondly, I'm good at solving problems. When faced with challenges, I take the initiative to find solutions and overcome obstacles. I approach problems with a positive mindset and believe in finding the best possible outcomes. Furthermore, I believe in open communication and teamwork. I enjoy collaborating with diverse groups and value different perspectives. I listen to others, respect their input, and believe that working together leads to better results. Lastly, I'm adaptable and thrive in fast-paced environments. I have experience working on projects with tight deadlines and changing

requirements. I can quickly adjust to new technologies and ways of working, ensuring that I can contribute effectively to the MLH Fellowship. Overall, I bring a combination of motivation, problem-solving skills, collaboration, and adaptability to the MLH Fellowship. I'm excited to make a positive impact and be a valuable member of the community.

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?
No

Misc.

How did you hear about the MLH Fellowship?
I heard about it from a friend (Word of Mouth)

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:

nikhil singh resume.docx (32 KB)