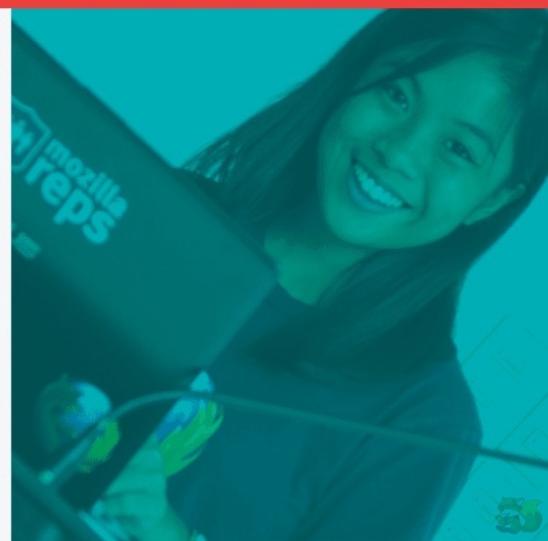




mozilla
Webmaker



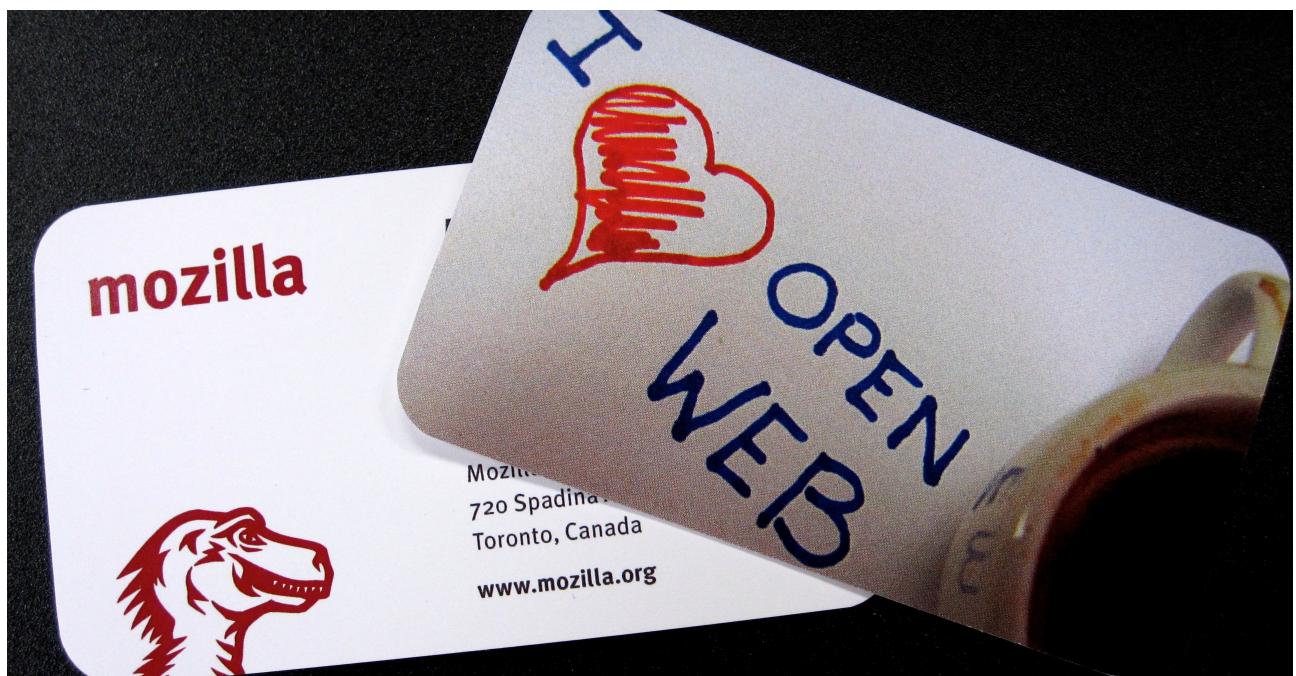
MAKER PARTY

MOZILLA'S GLOBAL CAMPAIGN TO
TEACH THE WEB

Mozilla Foundation

Before I start talking about What Maker party really is, i think, i have to clear the clouds of ambiguity over the Mozilla Fundation, Its Mission, Its Volunteers and then we can slowly advance to the Makerparty. So, let me begin, What is Mozilla Foundation?

The Mozilla, Whenever i talk or write about mozilla, i often remember the quote "*Best things in the world, comes for free, and so does the mozilla*". Yes, the mozilla, its free, and you know it. but what you might not be aware of many things, you might not be aware of the products that mozilla have, the movements which it initiated, movements in which its a part of.



So what this actually is? once i heard about the mozilla foundation, at first i thought that thats a company that makes web browser, the firefox. I was correct, but im wrong as well. The mozilla foundation does creates firefox, they develops it, thats true. But, whats not true is, the mozilla foundation develops not just firefox, they develops lots and lots of other products which are as wonderful and useful as firefox.

The mozilla foundation also plays a prominent role in many movements, how many of us were aware of the fact that HTML5 was actually initiated by the mozilla foundation? now, those who used HTML5 does know its ability and merits over HTML. Thats not the only gem on the crown, its actually one of it. In latest, the mozilla foundation took part in net neutrality issue and raised their voice for the same in many countries including India and US.

**"Our mission is
to promote
Openness,
Innovation and
Opportunities
on the web."**

-Mozilla



The *mozilla foundation* is a non profit organization. As *mozilla* says, *mozilla's* mission is to promote openness, Innovation and Opportunities on the web. *mozilla* stands for the clean and open internet, where people can create stuff from scratch, where people can utilise it for the good, where people can use the internet without being cautious about those sniffing noses over their head. Yes, *mozilla* wants the internet clean and safe.

Who are they?

As we talked about the *mozilla* and the mission, many of you might be dubious about their personnels. who are they? in one word, they are the *Mozillians*. *Mozillian*, A word that describes the people who work for *mozilla*. Are they like sitting on the decorated couches in the comfy zone of the mozilla office? no, thats not perfectly correct. *mozilla* does have paid employees, but most of the developing and the associated process in *mozilla* are done by many volunteers like you and me, who works for the same cause.



Any one can be a *Mozillian*, To be one, all you have to do is perform a search with **Firefox Student Ambassador** as the keyword slam your keyboard for next few moments and voila, you are in. but thats not all, with the three letters of FSA comes great responsibility, may be till yesterday, you were a nobody, but now, you are an FSA, you can contribute in many areas depending upon your skill levels.

Page 4

The *Mozillians*, like the *Mozilla foundation* does non profit volunteering, but that isn't really correct, the mozillians aren't paid by cash, but being something that matters or something that's even capable of changing the world or the people around you are really profitable.

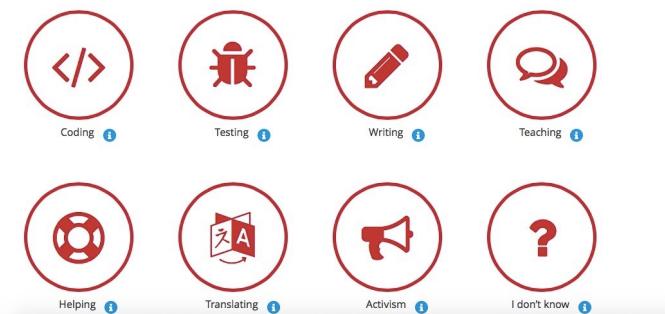
What Mozillians do?

When I talked about being *FSA* to many people, they replied, "*This sounds interesting, but am not good in programming, or to be frank, I don't know how to program.*" Let me tell you, that is a misconception, you don't have to be a coding ninja to be an *FSA*, can you take class? are you good in social interaction? be an evangelist. write article? be a *SuMo*, a twitter tweeter? be an *AOA*. it's simple.

But if you want to contribute by writing codes, you can even start with the basic HTML, PHP and python, it doesn't need any fancy programming skills, but if you have, that is a plus.

To get started, tell us what interests you.

Choose one for now. You can always contribute to other areas later.



"You don't have to be a coding ninja to be an FSA, you got a skill, go use it."

-On Areas to contribute

Mozilla provides various areas to contribute, let that be coding, testing, writing, teaching, helping, translating, activism and many more. If you got a skill in particular area and you can utilise it. If you are good in teaching, you can be part of many events like mozilla to school, web literacy and tech evangelism. Testers can use bugzilla for filing bugs, and write articles about the events and many more.

The Products



All of you might be familiar about the *firefox*, but, do you really know the products that's done by mozilla? Mozilla produces a wide range of applications including web applications and what more? mozilla even produces a mobile OS, yes, **Firefox OS**.

On speaking about the Firefox OS, I have to tell you about its performance, ever experienced a Ferrari 458 Speciale? this is it. The OS is incredibly light, snappy and functional just like the supercar.



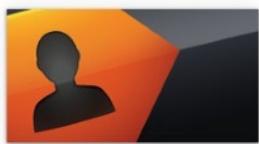
Firefox
The free, non-profit browser for desktop and mobile.



Firefox OS
An open operating system for mobile devices.



Marketplace
A creation and distribution platform for apps.



Persona
A better way to sign in to websites.



Thunderbird
Safe, fast and easy email.



Webmaker
Make something amazing with the Web.

"Mozilla holds a wide product range from browser to operating system."

The Thunderbird is the email client made by the mozilla foundation, and it is on par with the usability of outlook. The HTML5 plays a prominent role in developing the firefox applications and that's advantageous as the HTML, with its usability and User Friendly design makes the apps light weight yet functional. Thus the users get an app, that doesn't eat up much of their RAM and gives a decent performance.

The Initiations

The Mozilla Foundation is focused on the clean internet and providing unlimited opportunities, and thus, it caused various changes in the netizens daily life. The mozilla foundation is the one who initiated the development of the HTML5.

For example, We all visit youtube, before few months, youtube asks us to install flash plugin to play video, if we don't install the plugin, we can't watch it. So who creates the plugin? the Adobe, what if adobe decides to make it a paid application? So the entire web was based on adobe's flash plugin to play a video, right? But now, with the introduction of html5 you can use the <audio> and <video> tags for inserting the video and audio in your page and it just works as smooth as a cadillac.



*I've seen the
FUTURE
*It's in my
BROWSER**

**"With the
<audio> and
<video> tag
you can just
use these files
without a flash
plugin"**

The Mozilla foundation was also part of the Net Neutrality initiation, which aims to provide equal internet data transfer rate to all the users, so that there won't be any lack of opportunity for anyone. Plus, these aren't the only movements which mozilla is a part of, these are just the recent ones.

MAKERPARTY



The Maker Party, you might have heard the name, but what that really is? MAKER PARTY is a global event hosted by mozilla. Since its inauguration in 2012, Maker Party has become Mozilla's largest celebration of making and learning on the web. From getting the hang of HTML to build robots to learn about remixing using paper and scissors, people of all ages and from all backgrounds have come together to joyfully explore the culture, mechanics and citizenship of the web.

In simple words, Maker party is about meeting learning and making. From the maker party, you might get a chance to meet the people who shares the same level of enthusiasm and vision, you may get new informations, new ideas, and who knows, new innovations.

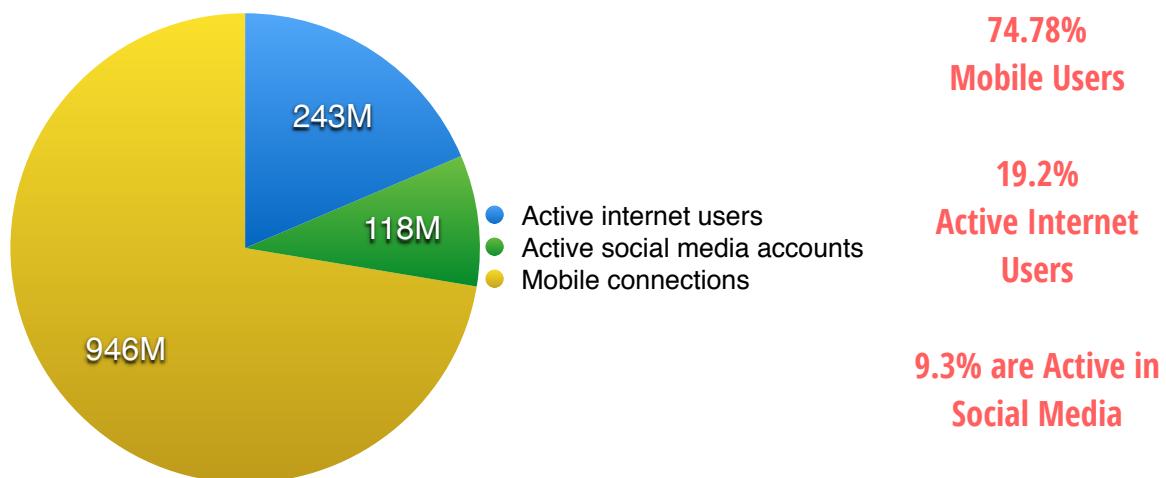
The maker party makes people aware about the basic HTML to build robots, and thats the beautiful part of it. You can learn anything and everything from a single place, from a single event. But, thats not all, you have to attend one, to know what it really is.



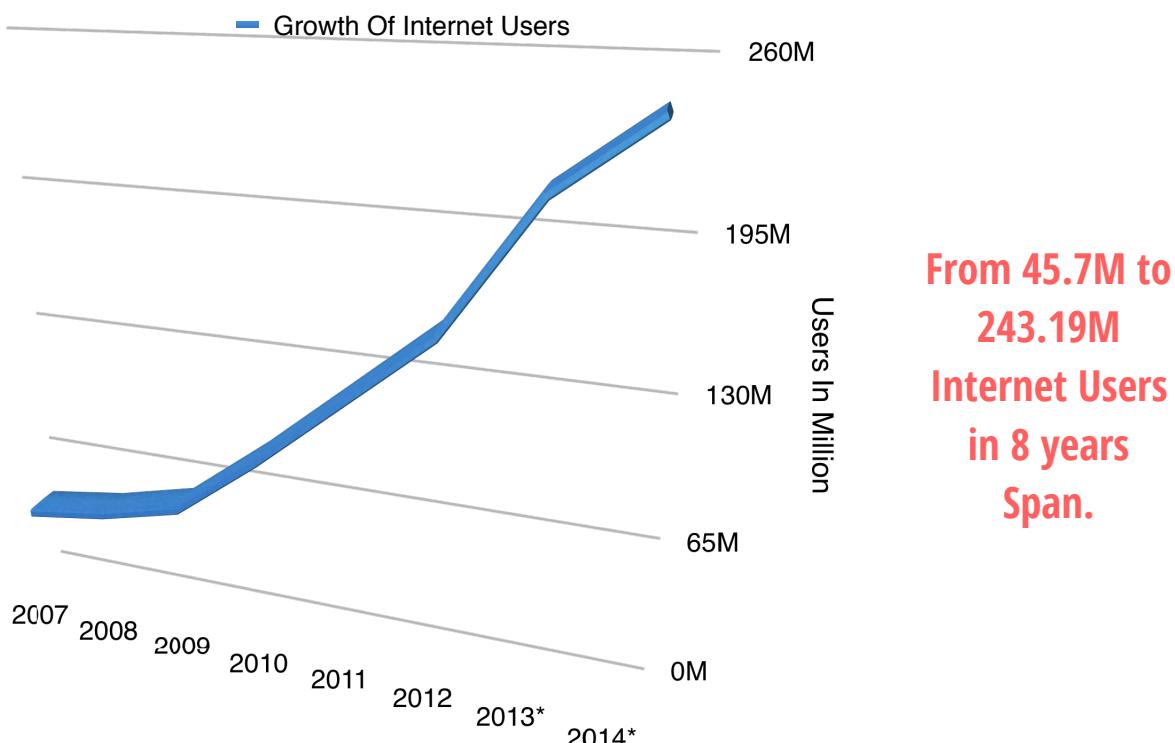
**Maker party
is about
Meeting
Learning
and
Making.**

Whats The Relevance?

Now, you have some idea, about the maker party, now you know that its about meeting teaching and learning in a friendly atmosphere. but whats the relevance of it?



As you can see here, out of 1265 Million Population 946 Million have a mobile phone connection, 243 Million are Active internet users, 118 Million are Active Social Media Accounts, which is astounding when we actually analyse the growth since 2007.



As the number of internet users grew from 45.7M to 243.19M in a span of 8 years, and the internet population in India is still growing, as it's still in growth phase we have to check, whether they know what it really is? whether people are making use of it? whether they can utilise it to full potential? To meet this challenge, Mozilla and GSMA have created a partnership to research and they spoke to different people in different segments, and here is what we found.

*Most users limit their use and understanding of the data services to social media, and specifically Facebook and WhatsApp, which are dominating today's online interactions.

*Although users are gaining access to advanced devices, a significant number still lack knowledge and understanding of the web. Many don't use data at all.

*A huge number of people feel that the internet is not something they can be a part of. Users with low levels of formal education fear the unknown, associating web services with risk for their children and themselves.



"My brother is a computer genius, so he transfers things for me. He always tells me that I have a virus. I had a virus on my phone and it died."

-Artisan, Ahmedabad, India

On speaking on web its literacy, i have to quote this incident which our research team informed us, and i quote. "We interviewed a man doing Mehndi work in the streets of Delhi. This art is very popular for Indian women, and generally informally executed by men who wait for clients in market streets. One of the men we interviewed had a dual sim feature phone and a tablet where he kept pictures of his designs. When we asked him if he shared the pictures on the Web, he asserted yes, while pointing out the WhatsApp and Facebook icons from his tablet. He then handed us his business card, for us to be able to find him on Facebook. He mentioned: "This is my Facebook, this email ID".

Page 9

As you can see on the card, he displayed his 'email id' (which is in fact his phone number), along with the password to connect. This simple business card allows literally anyone to log into his personal profile and access all his conversations, friends, pictures and other private details."

While lots of people are coming online through social media, there is still a lack of basic understanding of the Web. Just because someone is on Facebook, does not mean that they know how to use it, what is an email, what is a Facebook profile VS a Facebook page etc.



This is frightening, and this is not something we want. The mozilla foundation is organising the maker party event, to make people aware about the situation, to make people learn what internet really is, to make them, realise the opportunities that it offers and to take advantage of the most of it in a wonderful way.

What We Gonna Do?

We came through what mozilla is, what its mission, whats maker party, whats its relevance, now the question is what are we going to do about it? What are we trying to do with the web literacy, whats gonna be our course of action during maker party?

Well, everything needs a prologue, and we love to start from the base, so that, the pioneers and the toddlers in web can relish in the memory of their starting and adds some basics to their brain respectively.

As the Starting, we start from 3 tools, which are known in general as webmaker tools. These are simple, yet powerful, and capable enough to make the users understand the backstage plays in web.

Webmaker Tools

- Thimble – Webmaking made easy 
- X-Ray Goggles – See how the Web works 
- Popcorn Maker – Supercharge web video 
- Appmaker – Mobile apps made easy 

Once we Kickstart the event with the web maker tools, then the participants will have an enthralling experience with the bleeding edge technologies, unknown side of the known technologies, as the event moves on, we want the participants to hold firmly on the topics like Big Data, Cassandra, 3D printing, virtual reality and so-on. We also want our participants to be aware of the being the best in entrepreneurship, and stand out from the rest. For achieving the same, we will give them few wonderful sessions with the successful entrepreneurs.

The only feeling that comes on par with being in a maker party is driving an old school muscle car, sometimes, it pushes you to the edges, but then it will slide its rear tires to the edge and fly in back to the track and that is the easiest way i can describe about the maker party, why say much? when you can experience it?

Have a look at our last maker party that happened in kochi.

<https://www.youtube.com/watch?v=LE8Pk4US6rU>

Why Calicut?

Now, you might be thinking that why are we rooting for calicut, instead of the fully grown IT hubs in kerala. Well, the answer is very simple, we are rooting for the calicut, just because its under developed when its comes to IT field, despite of the available resources and favourable conditions here.



The Calicut, Renowned for its trading tradition plus hospitality, hasn't got much attention from the IT sector. Yes, i have to admit that its tradition is different. Calicut is a city with lots of trading culture renowned for its goods inside and outside of india.

While that trading culture still exists, calicut got the Kerala's only NIT and IIM along with couple of engineering colleges with lots of grads with high potential. The Calicut is showing a great potential when

it comes to IT sector, as it have two cyber parks, business parks along with great associations like CAfIT.

As we went through this information, and once we saw the cyber parks and HiLite Business park, we went



Page 11

completely flummoxed by the lack of IT companies here. Then we realised, a well known reality, For Many people, The IT means Infopark or Technopark located at Ernakulam and Thiruvananthapuram respectively. Thats not a fault, not a single bit.

We have to introduce the IT based culture, we have to make people tell people that, "Well son, we can deal with IT too." Thats possible, Somethings in the world, just needs a push, and then, Then it will run as smooth as a cadillac.

"We, at Mozilla believes that, nothing is impossible, whether that is topping the world on the existing system or changing the world from the existing system, but we more believes on the latter."



"Doing Good Is Part Of Our Code"