

# Grant Attendance Report

## 1 PERSONAL INFORMATION AND BACKGROUND

**Name:** Pulkit Bhatia

**College:** University School of Information and Communication Technology,  
GGSIPU

**Major:** Computer Science Engineering, 4th Year

**Location:** Delhi, INDIA +5:30 hr GMT (IST)

**Languages:** Hindi (Mother Tongue), English (Proficient)

**Technical Skills:** JAVA, JavaScript, MySQL, Node.js, PHP, Python, Ruby

### **About me:**

I started programming when I was in school as part of my curriculum, basic idea that how with few lines of code I can convert my ideas into reality have driven me and I hope it continue to do so. I have 5 year of programming and software development experience. I started with Competitive programming and built strong foundation of Algorithms and Data Structures. Then I started with Android development and developed many apps in due course. During my summer internship, I developed server code (REST API) for application which gave me backend experience and I started exploring server side development more deeply. I started open source contribution from early 2016 and already got addicted to open source. I was Google Summer of Code 2016 Intern and was involved with Celluloid organization, which is a concurrent ruby framework. I have also contributed in openMRS which as a software, serves as an electronic medical record system (EMR).

Learning fast and absorbing new things have always been my strong points. I like to explore different fields and always try to sharpen my existing skills. I am a gadget freak and love to follow football as sports. I also love to blog and read about new emerging technologies. I love to counsel and also started SIG in my college named "OJO" which provided hands on experience on competitive programming and software development to freshers having limited/no knowledge of programming.

I am fascinated about how technology is emerging and I aim to use this power of technology to solve real world problem and contribute my bit in making world a better place.

**Experience:** Some of my previous works/achievements are as stated:

- **Google Summer of Code 2016, Celluloid: Added New Reel Features**, Reel is a Celluloid::IO native, evented server which serves as bare-bones HTTP and WebSocket server providing functionality such as Connection Management and Fault Tolerance. This project aims to extend Reel by adding new important features such as Session handler, Multi-part parser, and bringing Reel up to the HTTP/2 standard.
- **ACM ICPC ASIA REGIONALIST (Amritapuri)**: Topped our college to qualify for Onsite round of most prestigious competitive programming competition in world level. Was among top 16% over total team participating from different parts of Asia. Improved my Problem Solving skills, Algorithm knowledge and team working spirit.
- Recipient of **Scholarship** from **Google India & TATA Trust** for Android Nanodegree program, Udacity.

## Contact Information:

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- IRC handle: pulkit4tech

## 2 Why I applied to travel Grant?

I really love to attend Hackathons and conferences as it provide me great opportunity to develop projects and interact with awesome developer community and technology experts from around the globe. As I was developing and contributing in awesome Ruby language so I started looking for Ruby meet-ups to attend informative sessions about Ruby. During my search I came across RubyWorld Conference 2016 which was to be held in Japan. I was going through topics of talk and found them really interesting. I really wanted to attend but as being currently student it was really expensive affair, to come from India to attend this great conference. Then I came across Travel Grant program by Ruby Association which is one Executive Committee of RubyWorld Conference. I applied for this grant. I was not expecting but I received mail stating that I was selected for this grant. I was highly obliged and happy to receive it. Grant covered: my travel ticket, Accommodation, and Conference Fee which was a delight. I really want to thank Ruby Association for providing this opportunity to attend RubyWorld Conference 2016.

### 3 RubyWorld Conference 2016 Report

I arrived at beautiful city Matsue, Japan on 2<sup>nd</sup> of November after long journey of around 15hr. As my accommodation was already booked by Ruby Association, I just checked in and had a nap. Then during evening I went for sightseeing the city.



Mt. Fuji view from flight



Shimane Prefecture

Castle town of Matsue sits between Lake Shinji and Nakaumi, along the banks of the Ohashi river connecting the two. It was really organized and beautiful place.

## Conference Day 1:

Day started with opening greetings followed by Keynote by “Matz” (Yukihiro Matsumoto).



### Keynote 1: What has Ruby made possible? By Yukihiro Matsumoto

Some key points of talk:

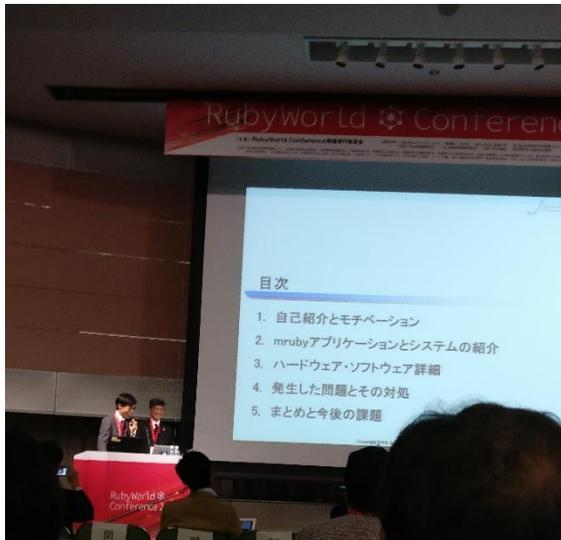
- Talked about alpha syndrome
- Virtue of great programmer is Laziness(ability to perform work with less effort), Impatience(helps tackling hard problems), Hubris(creating complaint free code)
- Ruby/Rails give power to developers, but with great powers comes great responsibility.
- What Ruby has made possible? Power to programmer, happiness to program, Ecosystem, Resources, Rubygems, Steady progress, culture, Internationalization etc.

- Future improvements in Ruby? Work on Performance, Concurrency, and Improving Error check functions etc.

After Keynote it was time for delicious lunch,



Speaker session talks began soon after lunch. Here are some of pictures from event:



Hidenori Miyoshi and Yoshihiko Hara taking session on mruby application development in embedded hardware

Tomoya Kawanishi giving talk on electricity price comparison services.



It's time for small break and what's better than Japanese Tea.

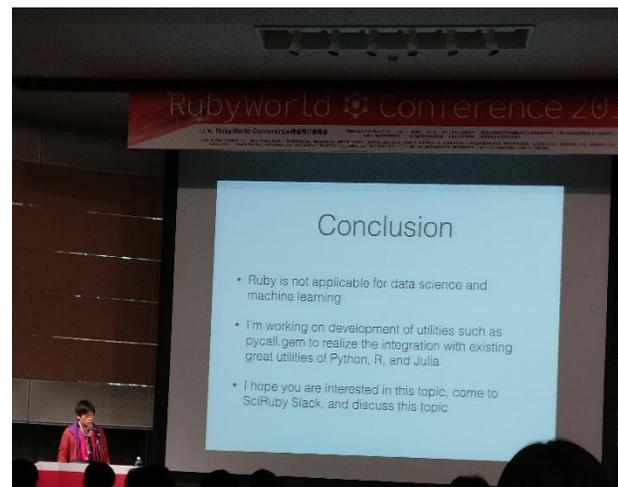




Session resume with talk of Sameer S. Deshmukh demonstrating Scientific Computing in Ruby and tools like DARU, nyaplot etc.



Kenta Murata giving talk on Machine Learning infrastructure for Ruby ecosystem





Yoshifumi Karube demonstrating live LEGO MINDSTORMS education EV3

Tetsuya Hirota sharing experience of starting programming class for children in small town



## Ruby Prize 2016



Kazuki Yamaguchi accepting Ruby Prize 2016 award

## Reception Party



Nice talk with Fumiaki Sato



Shimanekko, mascot of Shimane Prefecture



Awesome interaction with Matz and Kenta Murata



The Grand Dinner



End of awesome Day 1

## Conference Day 2:

Day 2 started with Keynote Address by Daisuke Horie and Edward Thomson from Github Inc.



## Keynote 2: Social Coding By Daisuke Horie and Edward Thomson

Some key points of talk:

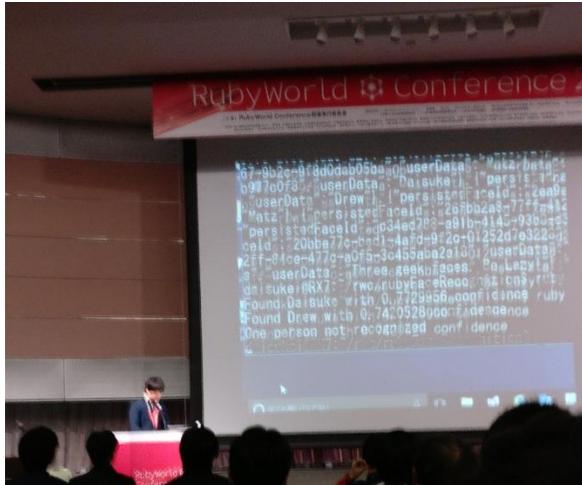
- Github was developed by software engineer to solve their problem and improve social coding
  - Permission from maintainer was required earlier, it is improved by github. Now you can easily fork an open source project
  - As not all project are public, Github also support private repository improving social coding in private projects too
  - Shared information on Inner source, a corporate version control
  - Shared small story how octocat became famous icon for Github
- It was great Keynote session with lots of insight.



After Keynote it was lunch break before session resumes,



Speaker session talks began soon after lunch. Here are some of pictures from event day 2:



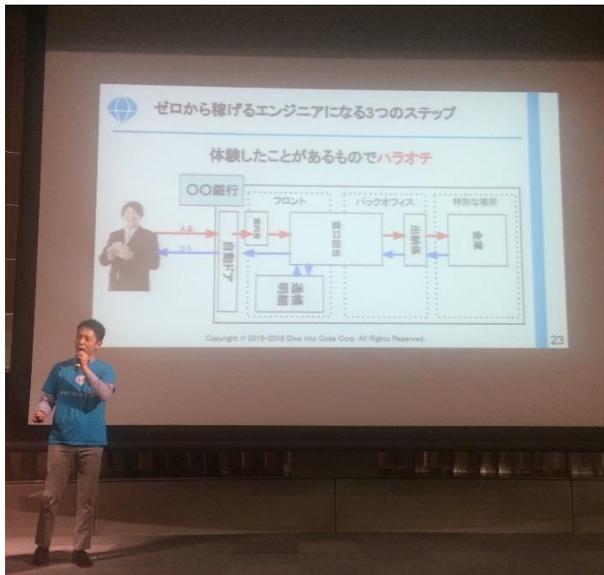
Speaker from Microsoft Japan demonstrating Machine Learning API by Microsoft written in Ruby. Demonstrated simple face recognition application.

Naoto Takai sharing how to build strong team with Ruby and Agile



Toshio Maki from Hitachi solution sharing advantages of Ruby in their DEVOPS platforms

Some coffee break,

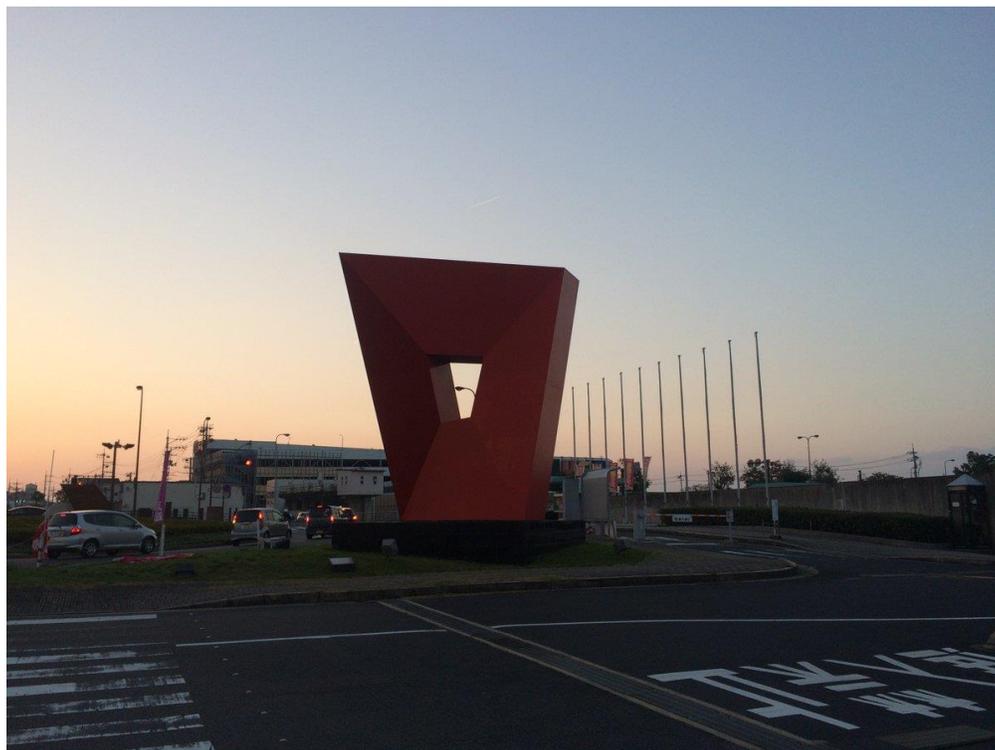


Hiroyoshi Noro from Dive into Code Corp. speaking about steps to raise from zero to high earning engineer

Kao Chien Lung from 5xRuby Inc. sharing his experience how he is bringing Ruby into Campus in Taiwan



## Closing Ceremony:



It was really great opportunity and it was delight attending RubyWorld 2016. Hopefully see you next year too. Thank you everyone for making this a memorable trip.