

Introduction to Development

Aman Agrawal

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Outline

- 1 Introduction
- 2 Software Development
- 3 About Us
- 4 Getting Started
- 5 Getting Involved

About Us

Here is what our website says:

About Us

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Dev Club is a student group that tries to innovate and foster technical activities, and create a coding culture which is somewhat missing.

Missing??

Missing??

- Non Existent

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Have you seen anyone around you developing anything interesting?

Missing??

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Have you seen anyone around you developing anything interesting?

- No One Cares

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Lack of any community of interested people (unlike cultural case)

Is it same in other IITs??

Ofcourse Not!!

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- [SDS Labs](#) : IIT Roorkee

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And Now !!

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And Now !!

- [Dev Club](#) : IIT Delhi

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What is Software Development?

Here is what wikipedia says:

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Software development is the process of computer programming, documenting, testing, and bug fixing involved in creating and maintaining applications and frameworks resulting in a software product.

Why is it useful?

- You will become a better, more efficient, and less error-prone coder.

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- Necessary for a lot of coding jobs and something that is NOT taught in college

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- You will become a better, more efficient, and less error-prone coder.
- Necessary for a lot of coding jobs and something that is NOT taught in college
- Meet other motivated and like minded smart students.

Perks!!

Get Selected for competitions like **GSOC**

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Be the **CTO** and **CEO** of your own startup!!

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And most importantly,
- Perseverance

What Can we learn?

- Making **best UI/UX** using angular, react, bootstrap, etc.

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- **Tools** : Git, Slack, IRC, Database (SQL, NoSQL ..)..

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- **Server side management** : Docker, Resource management, Sandboxing, Monitoring, etc.
- **Back end** : Node.js, Django, Rust, Scala, Julia....
- **Tools** : Git, Slack, IRC, Database (SQL, NoSQL ..)..
- And a hell lot which even we dont know that we dont know

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Our Work

We develop cool stuff that benefits everyone in the campus.

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- Campus Bot

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- Campus Bot
- Study Portal

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- Campus Bot
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- Our own Website

Our Aim

Short Term

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Long Term

Go Commercial !!

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Learn about



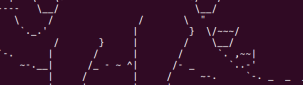
- Git : Make a student account

Learn about



- Git : Make a student account
- Linux Bash

```
vms20591@aldo:~$ cowsay -l  
Cow files in /usr/share/cowsay/cows:  
apt beavis.zen bong bud-frogs bunny calvin cheese cock cower daemon default  
dragon dragon-and-cow duck elephant elephant-in-snake eyes flaming-sheep  
ghostbusters gnu head-in hellokitty kiss kitty koala kosh luke-koala  
mech-and-cow meow milk moofasa moose mutilated pony pony-smaller ren sheep  
skeleton snowman sodomized-sheep stegosaurus stingy suse three-eyes turkey  
turtle tux unpony unpony-smaller vader vader-koala www  
vms20591@aldo:~$ cowsay -f stegosaurus Hello
```



```
< Hello >  
-----  
      \   ^__^  
       (oo)\_____  
            (__)\       )\/\  
                ||----w |  
                ||     ||
```

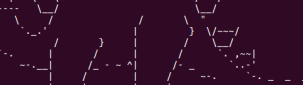
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- Start Developing something

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Real Friends:

Google and Stackoverflow :)



Lectures

Attend Lectures that will be held soon

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Github Org

- Look at our github repo and ongoing projects :

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- Develop the functionality or fix Bugs
- Generate a pull request

Recruitment

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Till then Happy Developing !!