

# P.DineshSwamy

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To develop computer softwares that has design and engineering as a point of intersection

## Education

*Bachelor of Engineering*, Computer Science and Engineering  
Sri Venkateswara College of Engineering,  
Graduated year : 2013  
CGPA : 6.91/10

## Computer skills

- Android application development
- BackboneJS
- Coffeescript
- JQuery
- PHP
- Ruby
- Postgres
- Git
- Ruby on Rails
- Chrome packaged apps and extensions
- HTML5 and CSS3
- Google Maps API
- Java
- MySQL
- GNU/Linux
- Haml

## Work experience

Product developer at [komparify.com](http://komparify.com) (July 2013 – till now) . My primary role is to develop features and maintain android application [Planhound](http://Planhound) as well as the site [komparify.com](http://komparify.com)

## Some significant accomplishments

### **Planhound** (<http://planhound.in>)

- The app now has crossed 50,000 downloads , having minimum 300 installs per day without any marketing
- Buying recharge vouchers within the app. Users spend an average of 1 minute in this screen(via analytics).
- Full stack(Client and server ) development of GCM(Google cloud messaging) triggers/notifications
- Alarm based background jobs and persistent storage of meta data required by the app
- Porting the app from ant based build to gradle based build
- In-app Wallet system and tutorials

### **komparify.com**

- Developed SEO pages , which now ranks 5th among the top 10 results in google.com
- Made checkout pages of komparify.com mobile friendly via fluid design

## Internship

Interned as Software developer at [komparify.com](http://komparify.com) .

As an internship project , i designed and developed Coverage map, which shows 2g,3g,4g coverage by all operators across India.

<http://towermapify.herokuapp.com>

## Completed Independent Projects

### **Chatminion - an Office chat assistant**

- Chatminion is a comprehensive office chat application. You can send text messages and make video calls.
  - Once you send a message, your recipient will be shown the most relevant and possible replies to the message.
  - Chatminion will also prepare an audio message based on the message you send and receive(It does not just read out the message as it is).
- for more details please visit <http://dineshswamy.github.io/chatminion/>

### **“Airdraw” an android app**

- Won SECOND place for developing a sony smart watch app (Airdraw) at droidcon2013 hackathon ,bangalore .
- If the user wears the watch, and then if something is drawn in the air,the drawing will appear inside the connected android phone/tablet.

for demo and screen-shots please visit <http://dineshswamy.github.io/airdraw/>

### **Coverage maps for Komparify.com(Cheenilabs)**

- Designed and developed Coverage map, which shows 2g,3g,4g coverage by all operators across all places in India .
- Made with Ruby on Rails, Google Maps API, MySQL,JQuery and KML .

<http://towermapify.herokuapp.com>

### **Information management of Co-curricular activities**

- Designed and developed a **CMS(Content Management System)** for reporting about co-curricular activities organized by SVCE .
- Made with twitter bootstrap and LAMP stack .

for more details and screen-shots please visit , <http://dineshswamy.github.io/co-curricular>

### **E-learning website of NCC-ARMY wing ,SVCE**

- Designed and developed website for NCC ARMY with slick front end design and multimedia tutorials.
- The multimedia tutorials in the website is developed for learning almost all NCC commands,their gestures and fundamentals of NCC.
- These tutorials were developed aiming to reduce the amount of time in training a NCC cadet.

for more details and screen-shots please visit , <http://dineshswamy.github.io/ncc-army>

### **'Bits and Bytes' for ACE(Association of Computer Science Engineers)**

- Designed and developed a **CMS(Content Management System)** for the intra-departmental activity '**Bits and Bytes**'.
- Some set of questions under a particular title will be posted by the faculty. The students can choose the title of their choice and answer the questions under the titles.
- The faculty then evaluates the answer and give scores accordingly. The toppers of each year will be displayed. The toppers are determined automatically ,based on the no of questions they have answered and marks awarded.

for more details and screen-shots please visit , <http://dineshswamy.github.io/bits-and-bytes>

### **UG Project**

#### **Natural language based user interface for Computer games**

- Developed a natural language based user interface for a computer game , where the user will be communicating to the bots(non-playing characters) inside the game .
- The game being developed involves a rescue mission , and the user(game player) will be commanding his rescue team through his voice .

for more details and screen-shots please visit , <http://dineshswamy.github.io/natural-language-ui-for-games/>

### **Course Project**

#### **'CodeOnMe' a Programmer's text Editor**

- Developed this Java based text editor for Java-lab mini project .
- This text editor can **save,compile and execute** a Java program .
- This was developed for windows environment and uses **WINDOWS BATCH FILES** to compile and run Java programs.

Online courses

Name	From	Status	Final exam score	Overall score
Design and analysis of algorithms part - 1	coursera.org	Completed	30 out of 40	66.41 out of 100
Introduction to Linux	edx.org	Ongoing	-	-
Design of Computer Programs	udacity.com	Ongoing	-	-

Achievements

- Holder **NCC 'B' and 'C'** certificates.
- Won SECOND place for the app **AirDraw** at DROIDCON2013 hackathon, Bangalore .
- Second prize in **FOSS KNOWLEDGE FAIR** , for presenting a poster supporting FOSS. This event was organized by SVCEACM student chapter , on FOSS DAY
- Second prize in **Business Solutions** organized by SVCEACM student chapter.
- Semi finalist of **Innovation day** organized by ACE(Association of Computer Science Engineers)
- Lead the team and secured first in 'Tent pitching' an event organized in **CATC(Combined Annual Training Camp) , NCC ARMY WING ,kanchipuram ,2009.**
- Second in drill competition a team event organized in **CATC (Combined Annual Training Camp) , NCC ARMY WING ,kanchipuram ,2008.**
- Second in tent layout competition , a team event organized in **CATC (Combined Annual Training Camp) , NCC ARMY WING , kanchipuram ,2008.**