

# Shreesha Suresh

#010, "The Wood Rose Apartments",  
Thalaghattapura, Judicial Layout 2<sup>nd</sup> Phase,  
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## Skills

Python (Intermediate), Django(Basic), C(Intermediate), C++ (Intermediate),  
MySQL, PostgreSQL, HTML, CSS, NativeScript, Web Scraping

## Education

### **PES Institute of Technology, Bangalore South Campus**

Visvesvaraya Technological University

*Bachelor of Engineering*

August 2013 – Present

- Branch: Information Science and Engineering
- Aggregate Percentage: 63.39% (First 5 Semesters)

### **KLE Society's S Nijalingappa PU College**

Karnataka State Pre-University Board

*I - II PU*

July 2011 – March 2013

- Subjects: Physics, Chemistry, Mathematics, Electronics
- II PU (Class XII) Percentage: 75.5%

### **Presidency School, Nandini Layout**

*ICSE*

June 2001 – March 2011

*Class I - X*

- Class X Percentage: 83.85%

## Internship

### **Python / Django Intern,**

January 2015 – January 2015

### **Saakshin Technologies Pvt. Ltd.**

Mentor: Chinmayi S K

- Built the entire back-end of an Android application by writing four RESTful APIs from scratch.
- In view of how unsafe public transport has become off-late, the app was designed to help make decisions about boarding a particular transit based on the ratings of past travelers.
- Used Python / Django to build the APIs and PostgreSQL for the Database management.

## Projects

### **Automated Football Match Highlights Generator Engine**

April 2015

- Analyzed the text commentary and the sound component of the (football or cricket) match video to automatically generate the highlights.
- Tools like ffmpeg, avconv and mencoder used to perceive and thus slice the video at appropriate time segments. Implemented in Python and Bash.
- Adjudged 2<sup>nd</sup> Best Hack at AYANA 2015, held at PES University, Bangalore.

**Smart Move**

October 2015

- Built a web (Python/Django) application to suggest the optimal locality for people looking for houses on rent based on frequently visited locations by family members (eg. offices, schools, etc).
- Also listed the houses from *housing.com* and *commonfloor.com* in the suggested locality by querying the respective search portals' internal API.
- Integrated the Google Maps API, Google Distance Matrix API

**VTU Results Analysis**

February 2015

- Scraped the semester results from the results website using BeautifulSoup 4 and Requests libraries of Python and stored the results in a local file.
- Used the data thus procured to plot insightful graphs, using Plotly API, comparing the results of various colleges and different branches of the same college.

**Flipkart Products API (Through Web-Scraping)**

October 2014

- Created an API to retrieve the product details like title, sub-title, price, link to the product page and the seller's name (by scraping the web page) of products listed on Flipkart based on the search query entered by the user
- The entire project was implemented in Python using urllib2 and BeautifulSoup 4 libraries.

**Extra-Curricular Activities**

Runners up at AYANA HACKATHON 2015 held at PESIT, Bangalore.

Completed “The Data Scientist's Toolbox” course offered by Johns Hopkins University on Coursera

Participated in Freedom Hack 2013 (Hackathon) held at InMobi, Bangalore

Completed “Machine Learning” course offered by Stanford University on Coursera

Attended a one day workshop on Digital Signal Processing conducted by PESIT-BSC IEEE Student chapter

Awarded 'A' certificate and the rank of Sergeant in NCC (Air Wing)

Awarded 'Best All-Rounder' in the outgoing batch of high school

Served as the school Student President during class X and Vice-President during class IX

**Referees****Chinmayi S K**

Director,  
Saakshin Technologies Pvt. Ltd.  
Ph. No.: *available on request*  
e-mail: *available on request*

**Raghu Ram K S**

Tech Lead,  
Mercedes Benz R&D, India  
Ph. No.: *available on request*  
e-mail: *available on request*