



# Pranav Nagarajan

Data Analyst Intern - Nashville SC

Aspiring Data Scientist with experience in Data Visualization, learning on devising data-driven strategies and has a huge appetite to implement them using latest open-source tools and cutting-edge cloud technologies. Currently working towards a sustainable world in the era of Industry 4.0., besides have a strong determination to contribute to the fields of Sports Intelligence, Knowledge and Process Discovery, Energy Optimization.

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## EDUCATION

### B.Tech - Electronics and Computer Engineering

Vellore Institute of Technology, Chennai

06/2016 – Present

8.72/10 CGPA

### Higher Secondary Education

DAV Matric Higher Secondary School, Chennai.

06/2014 – 04/2016

96.9%

## WORK EXPERIENCE

### Data Analyst (Intern)

Nashville Soccer Club, Major League Soccer

01/2020 – Present

### Cricket Analyst (Intern)

Kadamba Technologies Private Limited

05/2019 – 07/2019

Chennai

- Explored KPIs indicating a Team's/Player's performance and built dashboards to visualize them using Tableau and SQL.
- Assisted Senior Analysts in preparing Match Preview dockets for clients like ESPN, Star Sports and Cricket.com, by querying required data from the database with proper validation.
- Developed Marcos in MS-Excel to speed up process of tabulating data for documentation purposes.

### Cross Platform App Development (Intern)

Clayfin Technologies Private Limited

05/2018 – 06/2018

Chennai

- Implemented an application based on Android/iOS platform for Student Registration System using Apache Cordova and Microsoft Visual Studio.
- Managed creation and purging of databases based on age of online transaction records.

## PROJECTS

### R Shiny Dashboard for "statsguRu" (05/2019)

Built a shiny dashboard in R language to support visual analytics with my package statsguRu. <https://npranav10.shinyapps.io/statsguRu/>

### Optical Player Tracking System in Soccer (04/2019)

Developed a platform to track players, referees, ball in a Soccer game from the field cameras in order to perform analytical operations on the gathered data using OpenCV and Python

### Football Match Predictor (11/2018)

Scripted and Compared the performance of various basic ML Algorithms like Logit, KNN, SVM in predicting the winning team of a football match using R Programming Language.

## TECHNICAL SKILLS

Exploratory Data Analysis

Building Data Viz Dashboards

Creating ML/DL Pipelines

Full Stack Web Development

Serverless Computing

Embedded Programming

R

Python

Keras

Tableau

Amazon Web Services

Docker

Statistical Modelling

R Shiny

MySQL

## PUBLICATION

### statsguRu - R Package to Visualize Cricket Statistics (05/2019)

Published an R package and created a dashboard using R Shiny, to perform visual analysis of a Cricketer's statistics.

## AWARDS

### Best Project Award - "Smart Irrigation" (05/2019)

Awarded for the project titled "Smart Irrigation" issued by School of Computing Science and Engineering, VIT Chennai for the project component of the course "Technical Answers for Real World Problems"

### 3rd Place - IEEE CS Hackathon (03/2019)

Secured third place among top 17 teams after the final round in the 24 hour hackathon "HackHub" organized by IEEE Computer Society VIT Chennai.

### Certificate of Excellence - Python Programming (11/2016)

Secured Second place in University wide "Python Programming" assessment test.

## LANGUAGES

English

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency

Kannada

Native or Bilingual Proficiency

German

Elementary Proficiency

Hindi

Limited Working Proficiency

## HOBBIES

Energy Modelling

Learning Disruptive Tech

Watching Soccer & Cricket Matches

Open-Source Contribution