



Pranav Nagarajan

Data Science Enthusiast

Aspiring Data Scientist with experience in Data Visualization, currently learning on devising data-driven strategies to enhance process efficiency and has a huge appetite to implement them using open-source tools and cutting-edge cloud technologies. Has a strong desire to work in the fields of Sports Intelligence, Process Mining, Energy Analytics and working towards sustainable development in Industry 4.0

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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%

MINI PROJECTS

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

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

Optical Player Tracking System in Soccer (01/2019 – 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 (08/2018 – 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.

WORK EXPERIENCE

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.

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

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.

ONLINE COURSES

Process Mining : Data Science in Action - Coursera (10/2019)

Advanced Machine Learning and Signal Processing - IBM (09/2019)

Applied AI with DeepLearning - IBM (09/2019)

Fundamentals of Scalable Data Science - IBM (09/2019)

Docker Essentials: A Developer Introduction - IBM (01/2019)

AWS Essentials - Linux Academy (01/2019)

LANGUAGES

English

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency

Kannada

Native or Bilingual Proficiency

German

Elementary Proficiency

Hindi

Elementary Proficiency

INTERESTS

Data Visualization

Process Mining

Machine Learning

Energy Analytics

Open-Source Contribution

Cricket