

## K. Shivaramakrishnan

Data Science, Machine Learning & NLP

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*"A trekker, carnivorous plant gardener, foodie & researcher, transitioning from academic research to the enterprise tech world through series of startups."*

- Total Work Experience: 7 years
- Academic Research & Machine Learning NLP: 6 years
- FullStack (mean/mern): 4 years
- Enterprise Data Science & Research - NLP : 5 Years
- Parallel startup life : 7 years

## Education

### IIT Madras

Masters in CS by Research | 2018 - 2020 | dropped - 2019

- Advanced Natural Language Processing (CS6370), GPU Programming (CS6023), Reinforcement Learning (CS6700), Principles of Neuroscience (BT5270), Pattern Recognition and Machine Learning (CS5691)
- Tutored Winter Course work - CCBR (IITM) : Winter Machine Learning - coursework 2018, 2019 & 2020 - (ID7123) - Theory & Lab works.

### IIIT Bangalore

Post Graduation Certification | ML, NLP and Deep Learning

### Sathyabama University, Chennai

Bachelor of Technology (Biotechnology) | Majored in Neurology | 2014

- My undergraduation mainly focused on research which helped me explore deeper avenues of relations between Biomechanics, Neurotechnology & Nanotechnology in practical applications.

## Experience

### Centre for Computational Brain Research, IIT Madras - Research Associate

Jan 2018 - July 2019

- Developed a natural conversational navigator and developer for the Brain Architecture project by Dr Partha Mitra, Cold Spring Harbor Lab.

## **HTIC, IIT Madras - Data Science Consultant**

Chennai | May 2019 - Sept 2019

- General Electric's project - Development of a suggestion agent to aid radiologists and doctors in making accurate and lossless annotations on MRI patient records.

## **Mocero Health Solutions - CTO & Technical Consultant**

Chennai | Aug 2019 - March 2020

- Designed and developed the architecture and prototypes of UrSugar, Culora and Convenient Care product lines as the CTO and Datascientist.

## **Forest Studio - Founder** ( not for profit )

Jan 2020 - Current

- India's first carnivorous cultivar set to revive extinct and endangered carnivorous plant species by advanced tissue culture methods.

## **Data Science, CCBR, IIT Madras - Senior Project Engineer**

Aug 2020 - Nov 2020

- Designed and developed data science and full stack tools, pipelines, brain viewer 2, 3 & v4 at brainarchitecture.org and braincircuits.org.

## **5C Networks - Innovation Lead - Data Scientist**

Bangalore | June 2021 - Aug 2021

- Developed algorithms to generate unsupervised growth truth data annotation and validation methods for real time radiological and biomedical datasets.

## **Cephei Technologies, MTI, IIT Madras Research Park - Founder**

Jan 2020 - current

- Pharmaceutical IP prediction, Legal text processing pipeline, Food processing from Images and segmentation pipeline, IMU based badminton performance analytics.

## **Soul Scientific - Founder**

Jan 2015 - current

- First Indian BCI company with sports & medical grade wearable eeg hardwares.