K. Shivaramakrishnan

Data Science, Machine Learning & CTO

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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: 8 years
- Academic Research & Machine Learning NLP: 6 years
- FullStack (mean/mern): 4 years
- Enterprise Data Science & Research - NLP : 5 Years
- *Startup life : 9 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

Center 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 - Chief Technology Officer & 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 Data scientist.

Forest Studio - Founder

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

- Working with the cofounders , 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.

My other activities can be found here : git.io/JXrlh | CV