

K. Shivaramakrishnan

CTO, Productization, Startups, Mentoring, EcoTechnologies

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My intention towards a sustainable development is to create clean & robust technology that is independent & should require no human involvement in any manner.

"A trekker, carnivorous plant cultivar, foodie & a researcher, transitioning from the world of academic research to enterprise tech through series of startups and its leadership roles."

- **Total Work Experience: 9 years**
- **Academic Research & Machine Learning NLP: 6 years**
- **FullStack dev: 9 years**
 - Arena : Industry 4.0 interfaces, serverless & nocode architectures, hyper, hybrid and private clouds.
- **Enterprise Data Science & Research - NLP : 5 Years**
 - SOTA, GPT, neural networks & other deep learning modes.
- **CoFounding Exp : 9 years - 6 startups so far.**
 - Product dev, deployment, marketing, social media & client engagement.

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 works** - CCBR (IITM) : **Machine Learning**, Winter coursework in 2018, 2019 & 2020 - (**ID7123**) - Theory & Lab works.

Tamilnadu Open University

Masters in Psychology | 2017 - 2019 | dropped - 2018

IIIT Bangalore

Post Graduation Certification | Currently pursuing

- **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 the entire **stack** for the **Brain Architecture** of **marmoset** and **mouse micro sections** in **super resolution images and its research analytics** for Dr Partha Mitra, **Stanford University**, Cold Spring Harbor Lab.

HTIC, IIT Madras - [Data Science Consultant](#)

Chennai | May 2019 - Sept 2019

- **General Electric's** project - Development of a suggestion bot to aid **radiologists** and doctors in making ultra high precision and **lossless annotation models** 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

Chennai | Jan 2020 - Current

- India's first carnivorous cultivar set to revive extinct and endangered carnivorous plant species by advanced Plant Tissue Culture methods.
- Batch Production, Preservation and Product Cycles Managements.

Data Science, CCBR, IIT Madras - Senior Project Engineer

Chennai | Aug 2020 - Nov 2020

- Working directly with world's leading professors to Design and develop data science and full stack tools, services, apis and 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 ground truth data for real time annotation & validation of radiological and biomedical datasets.

Cephei Technologies, MTI, IIT Madras Research Park- CTO & Founder

Chennai | 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

Chennai | Jan 2015 - current

- First Indian BCI company with sports & medical grade wearable EEG hardwares developing retinal EP devices with medical device manufacturers.

ULARI Technology - HRFission : CTO & Co Founder

Bangalore | Jan 2022 - current

- First Indian PaaS startup to replace end to end roles & responsibilities of a HR. It enables and aids recruitment and role profiling/management for both the candidate and the entity.

My other activities can be found here : git.io/JXrlh | [CV](https://git.io/JXd6j) - (<https://git.io/JXd6j>)