

K. Shivaramakrishnan

CTO, Productization, Startups, Mentoring & EcoTech
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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 work** - 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**

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**

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 growth truth data annotation and validation methods for real time radiological and biomedical datasets.

Cephei Technologies, MTI, IIT Madras Research Park- **CTO & 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 **developing retinal EP devices** with medical device manufacturers.

ULARI Technology - **HRFission : CTO & Co Founder**

Jan 2022 - current

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

Name : Confidential - **Stealth mode : CTO & Co Founder**

June 2022 - current

Summary : Confidential - Stealth mode.

India's Ultra long range(2000+kms) tracking platform using NAVIC

My other activities can be found here : git.io/JXrIh | [CV](#)