Sakthi Kumar SampathKumar

✉ sakthi.enk@gmail.com   📞 9003239007   in sakthi kumar   ○ sakthi1307

Profile

- Logical and results-driven intern researcher working on **Nonlinear Dynamics of Networks**.
- Full-Stack developer with experience building web applications using *React, React-Native, Django* and *Rest-APIs* and keen interest to learn new and existing technology.

Skills

Machine Learning | **Python** | **UI/UX design** | **Web Dev** | **React.JS** | **Mongo DB** | **Postgres SQL**

SQLite | **Django** | **Flask** | **D3.JS** | **Data Visualization** | **Cyber Security** | **CI/CD** | **Heroku**

Cloud Computing (AWS) | **SVG** (Animation) | **SciML** | **AutoDiff** | **Ensemble Solvers**

Professional Experience

present	**Intern Researcher,** *Center for Non-Linear Systems* ⧉ Chennai Institute of Technology • working on NonLinear Dynamics of Networks • higher order coupling	Chennai, India
10/2021 – 03/2022	**Full Stack Intern,** *101 Deploy* ⧉ created efficient authentic and scalable web applications for various companies.	Chennai, India
2020	**Full Stack Developer,** *Freelancer* ***Avant Garde*** Developed Point of Sales , data housing and report generation software solution . Tech Stack: Django React SQlite	Colombo, Sri Lanka
2021	**Full Stack Developer,** *Freelancer* ***Smilefidence*** developed a cross platform mobile application for dentistry with built-in chat and patient management. Tech Stack: React Native, Google Firebase	Chennai, India

Publications

Four-dimensional discrete model with memristive coupling,
Computational Intelligence and Neuroscience
under review

Projects

To-Do App, *Built using React Native, React-Reanimated, Firebase*

Discord Music Bot, *community loved and cherished music bot written in js and hosted using Heroku* ⧉

Awards

2021	**2 nd place in H@cit an internal hackathon,** *Chennai Institute of Technology*

Certificates

MTA security Fundamentals

Languages

- English
- Hindi
- Tamil
- Telugu