EXPERIENCE

B2C	**Wotline**	**Nov'20 - present**

Engineer/Sales   Chennai,TN
- A webapp where fan's can chat one-on-one with their favourite Influencers.
- Contributed to the codebase as well as built the landing page.
- Deliver end-to-end products and features using strong customer feedback enhancing user interaction.
- Reaching out to Influencers, Onboarding users, customer support, social media.

	OpenMined	**Mar'20-Sep'20**

Research Engineer   Remote
- **Federated Architecture Search**: Worked on Neural Architecture Search in a Federated setting.

	CIC	**April'18 - Sep'19**

Deep Learning Engineer   Chennai, TN
- Led a small team of 2 data scientists conducting research with a collaboration of healthcare lab data.
- Built and introduced much of the core foundation for the ML work.
- To scale the performance migrated the ml system to a parallel computation using 8 GPU's.
- Built a machine learning system for real-world Traffic congestion data.

Tech Stack

Machine Learning	PyTorch,Tensorflow,PyTorchLightning,Chainer.
Backend	Docker, Flask, pip
AWS	EC2,ECR,ECS,S3,AmazonSageMaker
Google Cloud	GCE,Cloud Storage,Cloud function
Frontend	Reactjs,Next Js,Typescript,Sanity io, Tailwind Css
Open Source	OpenMined

Technical Experience

OpenMined, Private and secure AI	**Tools used**

Research Team Member   Python,Pysyft,PyTorch
- Dataset: Tried Pydb on various sensitive data.
- Research: Creating a concrete requirement from books and papers to build the structure of the Pydb API's.
- Engineering: comparison of the privacy/accuracy/performance tradeoff of various DP approaches in various environments.

Netflix Replica, code	**Tools Used**

Community Project   ReactJS,Firebase & Stripe
- Built the front-end signup,profile, platform and subscription pages
- Integrated with Api's such as firebase,TMDb.
- Set up a Stripe payment with firebase and integrate it with the front-end.

EDUCATION

Degree	**SRM University**

- B-Tech, Software Engineering
- Area of Interest: Programming, software development, machine learning.
- Extra credit course and project on Machine learning.