

# Aditya kumar

Full Stack Engineer at Napses Technologies

Looking for a challenging role where I can showcase my skills, learn, and grow along with the company.



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## EDUCATION

### B.Tech in Computer Science and Engineering

National Institute of Technology, Karnataka

2013 - 2017

### M.Tech in Computer Science and Engineering

Jain University Global Campus

2018 - 2020

## WORK EXPERIENCE

### Full Stack Engineer

Napses Technologies

05/2021 - Present

Achievements/Tasks

- Work on creating end to end solution for multiple clients.
- Worked on both frontend (nextjs, angular) and backend (nodejs, postgresSql).
- Followed Agile software development process.
- Followed proper code versioning, unit testing, and deployment

### Associate Software Engineer

Knitter

10/2020 - 04/2021

Achieved results / Tasks

- Backend development using Django .
- Worked on a POC for integrating a chat module.
- Worked on query optimization and caching to improve service performance and user experience.
- Followed agile development practices and git versioning.

### Data Science Intern

Lincode Labs

01/2020 - 03/2020

Achievements / Tasks

- Worked on state-of-the-art Deep Learning / Computer Vision techniques to detect defects in manufactured products.
- Worked on different aspects of the pipeline from data collection setup, model training, and dashboard.

### Research Intern

IIT bhubaneswar

07/2019 - 09/2019

Achievements / Tasks

- Implementation of machine learning algorithms from scratch using python.
- Implemented Spiking Neural Network rules by reading research papers and experimenting with different datasets. 3Implemented 1D convolution Neural Network from scratch and tested in different datasets.
- Implemented 1D convolution Neural Network from scratch and tested in different datasets.

## SKILLS

JavaScript

nextjs

node.js

RESTAPIs

angular

CI/CD

git

Python

PostgreSQL

Django

## PERSONAL PROJECTS

Investment Portfolio Tracking App (06/2020 - 06/2021)



- App that tracks every type of Indian investments.
- Full-Stack Development: Android Application, web server (Django), AWS, Heroku deployment.

Kaggle Data Science Bowl 2019 - Silver Medal

- Data science competition to predict the number of tries required by children to pass the round, given their gameplay data.
- Used ensemble of LightGBM and XGBoost model.
- Secured 75th out of 3497 competitors (Top 3%).

Kaggle ASHRAE Great Energy Predictor III competition - Silver Medal

- The problem statement was to predict building energy usage, given historical data.
- Outliers removing techniques.
- Secured 88th rank out of 3,614 competitors (Top 3%).

## CERTIFICATES

Machine Learning Coursera



Python for Data Science and Machine Learning Bootcamp



CutShort Certified Python - Advanced



## ACHIEVEMENTS

Kaggle - Secured 88th rank (Top 3%) in the ASHRAE - Great Energy Predictor III competition with Silver Medal.



Silver medal in 2019 Data Science Bowl kaggle competition. I was awarded Silver medal (top 3% out of 3,614 competitors).



## INTERESTS

Cooking

Badminton

Kabaddi

Anime

Trekking