Allakky Yashwanth

Machine Learning Engineer

Passionate about building Machine Learning models that have an impact on the real world. Love experimenting with new techniques, keeping up with the latest research, and learning from people around me.

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WORK EXPERIENCE

Machine Learning Engineer
Zodhya

12/2021 - Present   *Hyderabad, India*

Zodhya works on reducing the energy consumption of commercial building complexes using Machine Learning.

Tasks

- Building Deep Reinforcement Learning Models to solve optimization problems and deploying them on microcontrollers like ESP32.
- Research into Intelligent control of HVAC systems and Building Energy Modelling.
- Working with Building Energy Modelling software like EnergyPlus and OpenStudio to simulate Machine Learning training data.

Freelance Data Scientist and Machine Learning Engineer
Upwork

11/2021 - Present

Tasks

- Built NLP models, pattern classification models, and activity recognition models as part of various contracts.

EDUCATION

B.Tech in Computer Science and Engineering
Jawaharlal Nehru Technological University

05/2016 - 08/2020   *Hyderabad, India*

Courses

- Data Structures and Algorithms
- Statistics
- Data Analysis
- Machine Learning

Diploma in Artificial Intelligence and Machine Learning
University of Hyderabad

08/2021 - Present

Courses

- Probability and Statistics
- Machine Learning
- Data Analysis
- Deep Learning

SKILLS

Python   C++   PyTorch   TensorFlow

MySQL   Reinforcement Learning

PERSONAL PROJECTS

PayRec (03/2019 - 06/2019)
- Web Application for efficient loan recovery, built for Ministry of MSME as part of SIH-2019.
- Worked on the backend and also built a chatbot using dialogflow.

Malware Classification (10/2020 - 01/2020)
- Machine Learning model to classify malware based on its metadata.
- Processed over 250GB of data, analysed it and performed feature engineering.
- Model achieved a log loss of 0.0009.

ACHIEVEMENTS

Winner - Smart India Hackathon, Ministry of Human Resources Development (03/2019)
Awarded the first place for the application developed for Ministry of MSME.

All India 81 Rank - IEEE Xtreme (08/2019)
Competitive Programming contest in which our team of three ranked at 81 out of 1000+ teams from various colleges and universities all over India.

Co-Founder - coding.Studio(); (03/2018)
Co-Founded the Programming Club of my college with a goal of inculcating coding culture among our fellow students. Organized several bootcamps and Competitive Programming contests.

LANGUAGES

Telugu
Native or Bilingual Proficiency

English
Full Professional Proficiency

Hindi
Professional Working Proficiency