

Laxmi Priya Kasi

Data Scientist

An independent, curious, and committed professional with a drive to learn and explore data science for identifying solutions to problems and developing the best systems.



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WORK EXPERIENCE

Machine Learning Engineer Apollo Hospitals - Clinical AI Team

05/2022 - Present

Hyderabad, India

Achievements/Tasks

- Leading and participating in numerous clinical AI research initiatives and developing AI risk scores.
- Facilitating cross-functional collaboration to deploy ML models - optimizing patient care outcomes.
- Working with External Teams to build data-driven AI tools - advancing healthcare innovation.

PROJECTS

Analyzing the Impact of India's National Clean Air Programme (NCAP) 2019 with R (03/2023 - 04/2023)

- Analyzed NCAP's impact on air quality in 8 major Indian cities through before-and-after study on PM2.5, PM10, and AQI.
- Explored contributing factors behind observed changes in air quality indicators.
- Worked with R libraries such as lubridate, tidyverse, ggplot2, visdat, leaflet for data analysis.

Phenotyping of Clinical Notes using BERT (09/2021 - 05/2022)

- Built phenotyping system using neural contextualized language models (BERT, LSTM) for patient condition extraction from clinical notes.
- Classified 16 morbidity labels, evaluated on n2c2 NLP dataset using python libraries.

EDUCATION

M.Tech. in AI & Data Science IIIT Kottayam

01/2023 - Present

BS Data Science and it's applications IIT Madras

01/2021 - Present

Online Degree

B.E. in Computer Science MVSR Engineering College

06/2018 - 06/2022

Hyderabad

SKILLS

Business Understanding

Communication Skills

Computational Thinking

Planning

Data Mining

Team builder

Machine Learning

R

Python

Storytelling

Leadership

Presentation

ACHIEVEMENTS

Selected for Mentorship Program for Young Women Professionals (06/2023 - 09/2023)

Organized by IEEE India Council IAYPSC in association with IBM. Gained valuable insights into AI/ML field through interactions with IBM Leaders.

AWS AI & ML Scholarship Recipient (10/2022 - Present)

Received Phase 1 AWS AI & ML Scholarship and completed AI Programming in Python Udacity Nanodegree. Selected on merit for pioneering batch of Phase 2 of the program.

CERTIFICATES

Introduction to Language Models (07/2023 - 07/2023)

Workshop by Prof. Ramaseshan Ramachandran, CMI. Explored NLP challenges, word vector representation, and the role of neural models in GenAI.

Microsoft Certified: AZ900, AI900, PL900, DP900 (06/2023 - 07/2023)

Earned 4 Microsoft certifications in Azure, enhancing comprehensive knowledge in cloud computing, AI, Power Platform, and data management

TECH SKILLS

AI

Design

Data Analytics

Computational Thinking

C

Java

Python

R

ML

Social Computing