



KEERTHANA MADHAVAN

Software developer

I have good communication skills. I deliver all projects in a timely fashion and am reliable. I'm looking forward to learn more to improve my technical skills and efficiency.



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SKILLS

ML, DL, Info Retrieval

Digital Image Processing, Computer Vision

Data Science, Data Analytics & Business Analytics

Sequential and Spatial data mining

Analytics: Social media, HR, Financial, Healthcare, Risk and Fraud

Big Data Frameworks

Network Security and Cryptography

LANGUAGES

English, Hindi, Tamil
Native or Bilingual Proficiency

C/C++, Python
Full Professional Proficiency

R, Java, PySpark, Hadoop, Cassandra, NEO4j, MongoDB, SQL, SPSS, Gephi
Professional Working Proficiency

EDUCATION

M.Tech Integrated 5 years(Computer Science Engineering with specialization in Business Analytics)

VIT CHENNAI

07/2019 - 07/2024

CHENNAI, INDIA

SCHOOLING

BHAVAN'S RAJAJI VIDYASHRAM

2004 - 2018

CERTIFICATES

Coursera Stanford's Cryptography 1

Coursera Google Operating Systems and You: Becoming a Power User

Coursera University of Washington Machine Learning Foundation: A case study approach

Kaggle Python

Coursera Deep Learning Specialization(All 5)

Coursera Computer Vision Basics

Coursera Text Retrieval and Search Engines

Coursera Graph Analytics for Big Data

NPTEL Programming in Java

PROJECTS

Content based and collaborative based movie and music recommenders(ML)

Animal detection and prediction in Digital Image Processing

Digital signature implementation in Java(Cryptography and Network Security)

Codalab TBX11K Tuberculosis Detection and Classification(Deep learning)

Movielens Item-based Collaborative Filtering(Big data frameworks)

IMDB Sentiment analysis(Information retrieval and organization)

Facial detection and recognition(Computer vision)

Android currency detection app with voice note using Java

Sentiment Analysis from Twitter data using PySpark and PyMongo

ISIS social network analysis on Twitter(Social media metrics)

Vehicle image classification and segmentation using R

Loan Prediction Analytics, Transaction Fraud Detection, Mortgage automation

COVID-19 Dashboard(Information Visualization Tableau)

Cadbury case analysis(Marketing Analytics)