Adithya M S

Bengaluru, Karnataka, India

✉ adithyashivaram@gmail.com

in linkedin.com/in/adithya-m-s

🔗 adithya-s-bhat.github.io

📞 +91

🔗 github.com/Adithya-S-Bhat

Summary

3rd year CSE student at PES University. Passionate towards developing
ML, Deep learning and IoT solutions to real world problems.

Experience

Student Developer
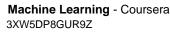Pyramid Developers
Jun 2021 - Present

Education

PES University
Bachelor of Technology - BTech, Computer Science (CGPA as of 4th Semester – 9.63)
2019 – 2023

Jyothi Kendriya Vidyalaya
12th, PCME (93%)
2017 - 2019

Green Valley English School
10th, ICSE (96.33%)
2016 – 2017

Licenses & Certifications

Machine Learning - Coursera
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Full Stack Web Development using Django - PESU IO

Practical Approach to Machine Learning Algorithms - PESU IO

Data Structures and Algorithms - PESU IO

Building a Recommendation Engine using Python - PESU IO

Getting Started: Create and Manage Cloud resources - Qwiklabs

Building Modern Python Applications on AWS – Coursera

Skills

- Machine Learning • Full Stack Development (MERN) • Android App Development • Deep Learning
- ARM Architecture • Django • Python (Programming Language) • Internet of Things (IoT) • Big Data
- Apache Spark

Projects

1. **Khushi App**
   - A clinic management application aimed at helping Doctors, Pharmacy Owners in managining clinics.
   - Worked on Inventory Management part of Khushi Application
2. **Real time Spam Email Detection using Streaming Spark**
   a. **Tools:** Apache Spark
   b. Spam Classification of streaming data using models like SVM, Naive Bayes, Multi-Layer Perceptron, Passive Aggressive and Logistic Regression.
3. **Stock Exchange Simulator**
   - **Tools:** PostgreSQL, Express, React, NodeJS
   - A simulation where users can trade stocks and get an actual overview of real stock exchange market.
4. **Fire Detection Alarm using Arduino**
   - **Tools:** Arduino, ThingSpeak
   - A Fire detection system which can alert user when fire breaks out, which is detected using temperature and gas sensors.
5. **Sales Forecasting**
   - **Tools:** PostgreSQL, Express, React, NodeJS
   - This project uses two Machine Learning models to predict sales. One model predicts sales using Artificial Neural Network and the other one is SARIMAX.
6. **Page Rank**
   - **Tools:** Apache Hadoop
   - A dataset of Wikipedia links is ranked according to their importance using Page Rank algorithm.

Honors & Awards

CNR Rao Scholarship - PES University
Jan 2020

MRD Scholarship - PES University
Jun 2020