R S SUBBULAKSHMI

Proud Geek

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EXPERIENCE

AI Platform (Full Stack) Engineer
Couture AI Pvt Ltd

📅 June 2021 – Present

Python, Pyspark, Javascript, Spacy, Docker, Kubernetes, AWS, Postman, Apache Superset, Hadoop, Echarts, Sonar Lint, Snyk

- Exploratory Data analysis as a scalable and secure product, usable on statistical and textual raw data to be parsed, analyzed and showcased in multiple visualizations. Built from scratch using different softwares, maintained to gold-standards and tested using Docker and Kubernetes setup.
- Analysis include Missing value handle, Semantic analysis, etc
- Visualization include Correlation matrices, Parallel plot, Topic modeling, etc
- Document and Expand functionalities of Apache Superset (Open source project)
- Guided and Mentored interns
- Led my team through the entire pipeline and software cycle for the product

Software Engineer Intern
Microsoft India (R&D)Pvt Ltd.

C#, React

- June 2019 - July 2019 : Design and implement Sheet tab highlighting for a new Excel Online feature
- May 2020 - July 2020 : Design and implement Time based filtering, from client to server for a new Excel Online feature

PROJECTS

Time Series Prediction on Social Media   **(Source)**
Data analysis on Twitter content for time series prediction of Bitcoin values and popularity using Regression and Classification models Course : Information Retrieval and Extraction

Python, Selenium, Sklearn

PEARLS + HEIDI   **(Research Prof Kamal)**
Creation of a business level Data visualization tool based on the research paper PEARLS, BEADS and HEIDI

OpenGL, three.js, Django, python

Statistical Analysis in AI   **(Source)**
Implementation of various neural networks such as CNN, ANN, SVM for a set of problem statements Course : SMAI

Tensorflow, Pytorch, Python

Search Engine   **(Source)**
Search engine based on Gbs of Wiki data dump Course : IRE

Python

AI Bot   **(Source)**
Bot for competitive playing of Xtreme TicTacToe, built based on Minimax algorithm - Python Course : AI

Security based Web Application   **(Source)**
Displays permissions given from the web browser in the current device Course : IT Workshop

SQLite, Flask, Python, HTML, CSS, Bootstrap, JINJA

MOST PROUD OF

🏆 **Deans Merit Award for Outstanding Academic performance.**
Awarded to top 5% of the class.

CGPA : 9.3 for year 2017-18

🚺 **UBER SHE++**
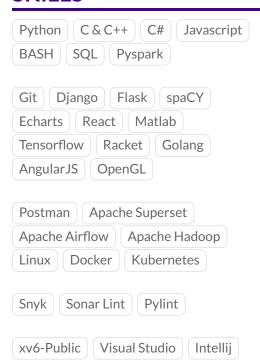Won nation-wide coding contest hosted by Uber and represented IIIT-Hyderabad

🏆 **IIT JEE**
Around 1.2 million participants every year

All India Rank (Main 2017) : 802
All India Rank (Advance 2017): 3567

SKILLS

Python   C & C++   C#   Javascript
BASH   SQL   Pyspark

Git   Django   Flask   spaCY
Echarts   React   Matlab
Tensorflow   Racket   Golang
AngularJS   OpenGL

Postman   Apache Superset
Apache Airflow   Apache Hadoop
Linux   Docker   Kubernetes

Snyk   Sonar Lint   Pylint

xv6-Public   Visual Studio   Intellij

EDUCATION

B.Tech Computer Science
International Institute of Information Technology , Hyderabad

📅 August 2017 – 2021

CGPA: 8.6/10

High School
Chettinad Vidyashram , Chennai

📅 July 2015 – March 2017

CBSE 12th Boards 481/500 (96.2%)