Tharun N B

Bachelor of Technology
Amrita Vishwa Vidyapeetham,Coimbatore

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EDUCATION

•**Amrita Vishwa Vidyapeetham, Coimbatore** *2019-23*
Bachelor of Technology in Computer Science and Engineering CGPA: 8.24

•**Maharishi International Residential School, Sriperumbudur - Higher Secondary** *2018-19*
Central Board of Secondary Education (C.B.S.E) Percentage: 87.8%
PCM

TECHNICAL SKILLS

Languages: Python, Java, Typescript, C++
Web Dev: Angular, Bootstrap, CSS, Django
Frameworks: Angular, Spring
Tools: Git, GitHub, Microsoft Suite, Kubernetes, Postman
Databases: MongoDB, PostgreSQL, MySQL, sqlite
Cloud:AWS, Linux SSH, Scripting, Jenkins(CI/CD).

EXPERIENCE

•**E2E Networks Ltd. - Cloud Platform Engineer** *March 2024 – Current*
On-site - Vellore

– Maintain and optimize cloud platforms for smooth operation.
– Provision compute units and resources according to client needs.
– Address client inquiries and technical issues promptly.
– Provide support through tickets, emails, and calls.

•**OpenText - SDE Intern** *Feb – August 2023*
On-site - Bangalore

– As an intern, I worked on the documentation for a new release, and part of the DevOps team in deploying and maintaining the product during patches .
– Developed a feature that packages a set of artefacts together to ease the users installation experience, which was previously done through a manual process. It involved both Frontend, as well as back-end development using Angular and SpringBoot. This feature reduced the time for installation from 3 days to 10 minutes.

COURSE PROJECTS

•**Quantifying conflicts and their relationships using Network Science** *November 2022 – July 2023*
Identify the relationships between conflicts and scale using Computational Social Science.

– Built a database of keywords and timeline of each conflict by extracting keywords from descriptions of conflicts in the ACLED data set and then using the keywords to query Google Trends to obtain the timeline of each conflict.
– Used the keywords to mine data from Twitter and find out the interactions for each conflict on the platform.
– Constructed a network of conflicts with value of edges as co-occurrence based on hashtags and tweets, and applied metrics to identify the most influential conflicts.
– Tools or techniques used: : network-x, Twitter api v2, python libraries.

•**Airplane Booking Management Application** *March – May 2020*
A website to book airplane tickets and Manage bookings.

– a dedicated admin panel, empowering administrators to manage flights, user accounts, and system settings efficiently.
– User panel with booking , personal info management , past bookings page with Email confirmation.
– Deployed the website on a AWS S3 bucket
– Technology Used: HTML, Python, Django , Bootstrap, sqlite, AWS.

•**Gesture Recognition Transliteration** *March – May 2022*
A model and application for recognition of gestures from video captured and translate to text.

– Successfully created a model to recognize motion and explored the concepts of Deep Learning, Neural Networks and mediapipe API.
– Tools or techniques used: : sklearn, open-cv, mediapipe and keras

•**Detection Of COVID using CT Scans and X-Rays** *June – December 2021*
A machine learning model for the detection of COVID from CT Scans and X-rays.

– Successfully created an model for prediction using feature extractors and filters for data and having a understanding of Machine learning concepts.
– Model had a Recall of 85%.
– Tools or techniques used: sklearn, open-cv, skimage and keras. Data cleaning, EDA.