

RAGHUVAMSI ANANTHU

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EDUCATION

THE UNIVERSITY OF TEXAS AT DALLAS

Master of Science Degree

Major in Computer Science; Cumulative GPA: **3.83/4.0**

Dallas, TX

August 2022 - May 2024

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY KOTTAYAM

Bachelor's in Technology Degree

Major in Computer Science and Engineering; Cumulative GPA: **8.23/10**.

Kerala, INDIA

August 2018 - May 2022

EXPERIENCE

ERICSSON

Software Development Engineering Intern

Bangalore, INDIA

February 2022 – July 2022

- Played a vital role in the **ERCA (Ericsson Root Cause Analysis)** team, responsible for ensuring the smooth operation of the Frigate software that automates root cause analysis for cell towers.
- Designed and developed highly efficient systems that enabled the software to store logs in a centralized database, improving data accessibility and retrieval times.
- Proposed MYSQL schema for logs system, Implemented cron job for handling data promptly and an API to access those logs.
- Introduced an efficient data notation conversion module that streamlined the process of converting 2G and 3G technology data notation to 4G, 5G, and vice versa, significantly improving software efficiency and accuracy.
- Introduced and optimized a local system file hierarchy for storing client data, resulting in a **40% reduction in API calls payload to Ericsson servers**. Also, provided essential support for data preprocessing, actively troubleshooting software issues, managing servers, and leading deployment efforts.

SKILLS

Programming Languages Python, SQL, Java, C++, HTML/CSS;

Technologies/Frameworks/Libraries Javascript, Postman, MongoDB, Agile, MVC, and git; Docker, Databricks, Rest API, Flask, pandas, AWS, React JS, PyTorch, Tensorflow, Hadoop, PySpark.

Coursework in SDLC, DSA, Computer Networks, Operating Systems, Machine Learning, Databases, Big Data Management, and System Design.

PROJECTS

RESUME GRADER

- Collaborated with a team of 4 to develop a resume grading and job recommendation system leveraging advanced Machine Learning and NLP techniques.
- Quantifies word score, Grammar score, and numeric score for a given resume. Also recommends 10 jobs.
- Devised machine learning models, achieving an impressive 73% accuracy rate through rigorous optimization efforts, and providing a seamless user interface using React.js.

YOUTUBE SUMMARIZER EXTENSION

- Developed a YouTube video summarization tool by implementing a browser extension that activates a button on the YouTube website.
- Integrated cutting-edge transformer modules to process and summarize the text into a condensed and highly readable summary. Programmed a highly responsive backend API using Flask, and built a sleek and intuitive frontend using HTML, CSS, and Javascript.

MOBILE PRICE CLASSIFIER

- Built a mobile price classifier capable of categorizing prices between 0 and 5 values, with 0 representing the lowest price and 5 representing the highest price.
- With 5+ ML models, achieved 95% accuracy by hyperparameter tuning using GridSearchCV.

ACTIVITIES

- 3-star coder at CodeChef, a 5-star coder at Hackerrank.
- Content writer for placement brochure of Indian Institute of Information Technology, Kottayam.
- leetcode.com/LieBeARV/ - 500+ problems solved.