

# DAYAASAAGAR KMR

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## Education

- **Syracuse University** Syracuse, New York  
*Master of Science in Computer Science* August 2023-May 2025  
Courses: Operating Systems, Assured Programming, Analysis of Algorithms, Computer Architecture, Machine Learning, Natural Language Processing
- **Pillai College of Engineering** Navi Mumbai, India  
*Bachelor of Engineering - Computer Engineering (GPA:8.45/10)* July 2018 - May 2022  
**Courses:** Object oriented Programming, Data Structures, Analysis of Algorithms, Web Development, Machine Learning, Process Scheduling, Networking Protocols, Database Management systems

## Experience

- **Reliance Industries Ltd** Mumbai, India  
Graduate Engineer Trainee Nov 2022 - August 2023
  - Utilized Vendavo's ETL capabilities to integrate pricing and sales data from diverse sources into the application.
  - Developed a hypothesis using Vendavo's tools to analyze customer churn and reduce losses by 50%
  - Built a configuration for a new product PIA using vendavo scripting language.
  - Built Web forms for businesses using HTML, CSS, Javascript.
  - Analyzed existing code and identified redundant functions, eliminating over 20% of unnecessary code.
  - Collaborated with cross-functional teams in a agile environment to plan and execute User acceptance testing for products of 3 business groups in Vendavo application.
  - Resolved critical backend-end bugs with vendavo debugger reducing user-reported issues by 20%.
  - Utilized SQL queries to extract and analyze pricing data, identifying pricing trends and anomalies, resulting in 15% increase in pricing accuracy.
  - Implemented an automated Vendavo startup procedure, resulting in an 80% reduction in manual workload.
  - Expertly debugged Vendavo Price Manager to ensure optimal functionality and reliability.
  - Teamed up with senior leaders to produce effective software solutions through result-oriented daily stand-up meetings, in-depth technical discussions, and sprint retrospective contributions.
  - Analyzed existing code and identified redundant functions, eliminating over 20% of unnecessary code.
  - Adhered to coding standards and version control best practices using git while working on Vendavo projects.
  - Maintained detailed documentation of code changes and configurations, facilitating collaboration with team members.

## Projects

- **Derogatory Comment Classification - Web app (NLP, Deep Learning):** Developed a Web app to classify comments into 6 classes by using BERT and LSTM algorithms (**95 Percentage accuracy**).Tech: Python, Hugging Face, TensorFlow (Apr '22).
- **News Article Summarization (NLP, Machine Learning):** Web app to summarize news articles using Machine learning algorithms(**92 Percentage accuracy**). Tech: Python, NLTK, Tensorflow (April '22).
- **Stock Price Prediction (Machine Learning):** A web app to predict stock price of a company by using LSTM algorithm. Tech: Python, Twitter API, Tensorflow (May '21).
- **College Management system (Web Development,Machine Learning):** Created a web site to manage student Information. Tech: Python, HTML, PHP, CSS, MySQL, XML, AJAX, JavaScript (August '20).
- **Hand Written Digit Recognition(Machine Learning):** Web app to recognize hand written digits using Machine learning algorithms.Tech: TensorFlow, SVM, CNN, HTML, CSS, JavaScript, (May '20).
- **Tic Tac Toe Game(Computer Graphics):** Java app to play tic tac toe game using computer graphics algorithms. Tech: Java (May '20).

## Publications

- **Apr,2022 :** Chaurasia,S.Dayaasaagar,K.Giridhar,J.Suresh,D.Shelke,S. Derogatory comment Classification. International Research Journal of Engineering and Technology 9(4): 3749-3751.

## Skills Summary

- **Languages:** Python, PHP, C, C++, JavaScript , HTML, CSS, SQL, R, Java, Assembly Language
- **Frameworks:** TensorFlow, Pytorch, Scikit-learn, Keras , XAMP, AngularJS, Bootstrap,React.
- **Back-end Technologies:** Node JS, Django, Flask, Laravel.
- **DBMS:** MySQL, VQL, MongoDB, Oracle DB
- **Tools:** MongoDB, Android Studio, Git, Anaconda, Microsoft Office Products,Vendavo Profit Analyzer, Git
- **Software Skills:** Scrum, waterfall, Agile methodologies, UML diagrams