

Abdul Rahman J

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PROFILE

I am a passionate and result driven individual with a strong focus on problem-solving. I am committed to delivering impactful work and contributing my team success. Eager to grow in dynamic technical roles, continuously upskill, and contribute meaningfully to the organizational success.

EDUCATION

MCA 2023 – 2025
B.S Abdul Rahman Crescent Institute of Science and Technology Chennai
CGPA - 9.15

B.Sc Computer Science 2020 – 2023
Jamal Mohamed College Trichy
CGPA - 8.4

PROJECTS

Automatic Image Captioning with voice-over for supporting visually impaired peoples

- Developed a system using the Flickr8k dataset that generates descriptive captions for images captured by a camera.
- Implemented a CNN + LSTM model to convert images into meaningful text descriptions.
- Converted generated captions into audio output using text-to-speech (TTS) technology, enabling visually impaired users to understand their environment through voice.

Intel Products Sentiment Analysis from Online Reviews

- Scrapping reviews from multiple sources in the last 3-5 years using API's and cleaning those data to remove duplicates and null values.
- Applying various exploratory data analysis (EDA), machine learning and natural programming techniques to find the sentiments of products, clustering of affinity reviews, trends of sentiments over period of time, features and key words extraction to specific sentiments, recommendation on key improvements based on users reviews for future products

Headphone Product Website - WordPress

- Designed and developed a fully functional e-commerce WordPress site to showcase and promote headphone products.
- Customized themes and plugins to enhance user experience and site performance.
- Integrated product listings, images, and contact forms for easy customer interaction.

TECHNICAL EXPERIENCE

Google Cloud Arcade Facilitator Program 📄 04/2025 – 06/2025
Remote

- Achieved Arcade Legend Tier, the highest recognition in the Skills Boost Arcade, by consistently completing hands-on labs across cloud domains.
- Gained practical experience in deploying, managing, and securing cloud applications and services.
- Developed expertise in Google Cloud tools including Compute Engine, App Engine, Cloud Storage, BigQuery, and Vertex AI.
- Recognized with an exclusive prize bundle for demonstrating excellence in cloud learning and milestone completion.

Intel Unnati Industrial Training Program 2024 06/2024 – 08/2024
Remote

- Intel Products Sentiment Analysis from Online Reviews: Scrapping reviews from multiple sources in the last 3-5 years using API's and cleaning those data to remove duplicates and null values.
- Applying various exploratory data analysis (EDA), machine learning and natural programming techniques to find the sentiments of products, clustering of affinity reviews, trends of sentiments over period of time, features and key words extraction to specific sentiments, recommendation on key improvements based on users reviews for future products.

CERTIFICATES

Edunet Foundation in Collaboration with AICTE AI/Cloud

- Four week internship program mainly focused on IBM cloud platform skillbuild.
- Hands on experience in learning IBM cloud Watson ai to create chatbot were we can use that in the business platform's.

Accenture North America Data Analytics and Visualization Job Simulation on Forage - June 2024

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
- Cleaned, modelled and analysed 7 datasets to uncover insights into content trends to inform strategic decisions

Getting Started with Data IBM - June 2024

- Completed a foundational program focused on data science and analytics using IBM tools and technologies
- Learned essential skills in data manipulation, visualization and developed hands-on projects to solidify understanding and demonstrate competency in IBM data solutions

SKILLS

Programming language - Python, SQL, Data Structures & Algorithms

Data Analysis & Visualization - Pandas, NumPy, Matplotlib, Excel, Google Sheets

Tools - Jupyter Notebook, Google Colab, Kaggle Notebooks, Visual Studio, GitHub

Cloud Platform - Google Cloud Platform (GCP)

Web Development & Design - HTML5, CSS3, Figma, WordPress

AWARDS & ACHIEVEMENTS

International Conference

- Best Paper Award at an International Conference held at New Prince Shri Bhavani College of Engineering and Technology for the project "Automatic Image Captioning with Voice Over for Supporting Visually Impaired People Using Machine Learning".

Inter College Symposium

- Achieved Winner in Photography & Runnerup in PC Building at Government College of Engineering, Srirangam.

LANGUAGES

English

Tamil

DECLARATION

The information stated above is true to the best of my knowledge and belief.