



ARUNSUKUMAR A

☎ (+91) 8825410952 ✉ arunsukumar03@gmail.com 🌐 github.com/arunsukumar412

🌐 www.linkedin.com/in/arunsukumar-a-sukumar/

Education

B.TECH ARTIFICIAL INTELLIGENCE AND DATA SCIENCE Karpagam College of Engineering, Coimbatore	(2021 – 2025) CGPA 8.18
HSC Thambithotam Higher Secondary School, Dindigul	(2020 – 2021) Percentage 86%
SSLC St Charles High School, Madurai	(2018 – 2019) Percentage 79%

Experience

FORAGE(KPMG)-Data Analytics Consulting Virtual Internship Dec (2022)

- The Internship is enhancing my skills in data analytics and data cleaning through a virtual internship provided by KPMG
- I am developing my skills in data analytics and data cleaning through the comprehensive virtual internship offered by KPMG
- The internship experience with KPMG is a great platform for enhancing my expertise in data analytics and data cleaning

WE AND DATA-Data Visualization using PowerBI April (2023)

- During my internship with WE and Data, I had the opportunity to work extensively with PowerBI, where I gained valuable experience in creating interactive and insightful data visualizations.
- While interning with WE and Data, I honed my skills in PowerBI, mastering techniques to build dynamic visualizations that effectively communicate data insights to stakeholders.
- The internship experience with WE and Data was instrumental in advancing my capabilities in data visualization using PowerBI, where I worked on real-world projects to create impactful visual data representations.

Certifications

FUNDAMENTALS OF DEEP LEARNING (NOV 2022 – DEC 2022)

NVIDIA | DLI

- I gained proficiency in foundational concepts such as neural network architectures, training techniques, regularization methods, and optimization algorithms. Additionally, I developed practical skills in implementing deep learning models using industry-standard frameworks like TensorFlow and PyTorch.
- This certification demonstrates my expertise in leveraging deep learning techniques to solve real-world problems in domains such as computer vision, natural language processing, and speech recognition.

IBM-OPEN-AI USING CHATGPT AND WATSON

(OCT 2023 – NOV 2023)

AI | GPT

- I successfully completed the IBM-OpenAI Integration Certification, focusing on the integration of ChatGPT, an advanced conversational AI model developed by OpenAI, with Watson AI, IBM's leading cognitive computing platform.
- Throughout the certification program, I gained expertise in leveraging ChatGPT's natural language processing capabilities and Watson AI's suite of AI-powered tools and services to develop intelligent virtual assistants, chatbots, and customer service applications.

QLIK SENSE BUSINESS ANALYST

(JAN 2024 – FEB 2024)

QLIK | BI

- The Qlik Sense Business Analyst certification signifies my proficiency in leveraging Qlik Sense, a powerful data visualization and business intelligence platform, to drive data-driven decision-making processes within organizations.
- I have demonstrated competence in various aspects of business analysis, including data discovery, visualization design, dashboard creation, and data storytelling.
- I possess the skills to extract insights from complex datasets, develop intuitive visualizations, and communicate actionable recommendations to stakeholders effectively.

COMPUTER VISION AND IMAGE PROCESSING SPECIALIZATION (JAN 2024 – FEB 2024)

OPEN CV | MACHINE LEARNING.ORG

- This specialized certification signifies mastery in computer vision and image processing methodologies, encompassing theoretical principles and practical applications
- Developed by OpenCV | Machine Learning.org, the program delves into advanced topics such as image filtering, feature extraction, object detection and tracking, and image segmentation.
- I have acquired comprehensive skills in utilizing tools and libraries such as OpenCV, TensorFlow, and Keras to engineer innovative solutions for real-world challenges in computer vision and image processing.

Projects

NETWORK INTRUSION USING MACHINE LEARNING ALGORITHMS

| TENSORFLOW – NETWORKING, GDOWN

(JUN 2023 – JUL 2023)

Based on the Threats

- The Scheduling process of the network and its intrusion collected over the real time data.
- Using the necessary packages called gdown python.
- Machine Learning Algorithms can be used for the identification of the Intrusion in the network for real data.
- Finally, the output for the network intrusion has been delivered using the algorithms.

FLIGHT DELAY PREDICTION USING DEEP LEARNING AND TABLEAU

| DEEP LEARNING – VISUALIZATION, API KEY

(AUG 2023 – SEP 2023)

Based on The Visualization and results in Air India Data

- The data can be collected over the Air India website and the parameters can be evaluated.
- Applying on the Deep Learning Algorithm which is (Multinomial Naive Bayes Algorithms)
- Visualized the Data using the Tableau by generating the API keys from the Air India Website
- Visualized the Entire process in the globally.

Based on the framework

- In this project the framework has been used for the entire product
- Conducted research based on the Sharing the recipe on the websites and the other hosts.
- It can be easily, and the quick access is very high compared to the other website access.

Technical Skills

Achievements

CORESKILLS | Big Data | Data Analytics
Machine Learning | Deep Learning | Generative AI
| Apache Spark | Hadoop | Git |
,Scala | LLM | EDA | ETL|Pytorch|Computer Vision
PROGRAMMING LANGUAGES | Python ,R.
CLOUD AZURE| AWS | GCP.
FRAMEWORKS: Django | Flask
DEVOPS TOOLS: Docker | Jenkins | Kubernetes
TOOLS |Tableau | PowerBI | IntroML | Anaconda.
DATABASES | Mysql | MongoDB

Inter College Paper Presentation Second Prize on |
Applications of Mathematics on Computer Science

SIH – Maked an offline LLM for the Text Summarizer

Soft skill

- Leadership Quality.
- Analytical Thinking.
- Teamwork.
- Problem Solving
- Decision Making
- Conflict Resolution