

SAKTHIVEL K

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OBJECTIVE

Detail-oriented software engineering graduate Seeking an entry-level Data Science and AI role to apply skills in Python, machine learning, and data analytics to drive innovative solutions and insights

EDUCATION

Dr.M.G.R. Educational And Research Institute
B.Tech Artificial Intelligence and Data Science CGPA: 8.7

Chennai
2020 – 2024

ST. Mary's Matric Higher Secondary School
HSC Percentage: 76%

Gummidipoondi
2018 - 2020

Don Bosco Matriculation School
SSLC Percentage: 82%

Madharpakkam
2017- 2018

TECHNICAL SKILLS

PROGRAMMING LANGUAGE: Python

DATABASE : MySQL, SQL Server

DATA ANALYTICS AND VISUALIZATION TOOLS: Data cleaning, Data wrangling, ETL processes, Power BI, IBM Cognos BI, Excel

WEB DEVELOPMENT: HTML, CSS, Javascript

PROJECTS

Smart Fitting Room
Deep Learning Project

Dec 2023 – Feb 2024
Python, OpenCV

- Developed and implemented a contour algorithm to enhance the realism of virtual try-ons.
- Utilized Haar Cascade classifiers for precise detection of facial features, improving the accuracy of the try-on process.
- Enhanced user engagement by integrating advanced digital try-on technology, providing a seamless user experience.

QR steganography.
Data Security through QR Steganography

Mar 2023 – Apr 2023
Python, Flask,

- Developed a system to enhance data security by embedding encrypted information within QR codes using steganography techniques.

Super Market Sales Analysis Dashboard
Created and managed an IBM Cognos dashboard for visualizing data and generating reports.

May 2022
Excel, IBM Cognos

- Designed an interactive IBM Cognos dashboard that enabled real-time data analysis and visualization, facilitating informed decision-making for over 10 department heads and improving data accessibility across the organization. .

CERTIFICATIONS

- Data Analyst Course - Udemy
- Data Mining - NPTEL Online Certification
- Microsoft Azure Fundamentals - Microsoft

PAPER PUBLICATION

- **Virtual Dressing Room Using Machine Learning**
- Presented a paper in conference held at Prince Shri Venkateshwara Padmavathy Engineering College