SAKTHIVEL K

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OBJECTIVE

Seeking an entry-level software engineering position to apply my technical skills and drive innovative solutions.

EDUCATION

Dr.M.G.R. Educational And Research Institute — Chennai
B.Tech Artificial Intelligence and Data Science ***CGPA: 8.7*** — *2020 – 2024*

ST. Mary's Matric Higher Secondary School — Gummidipoondi
HSC ***Percentage: 76%*** — *2018 - 2020*

Don Bosco Marticulation School — Madharpakkam
SSLC ***Percentage: 82%*** — *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 — Dec 2023 – Feb 2024
Deep Learning Project — *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. — Mar 2023 – Apr 2023
Data Security through QR Steganography — *Python, Flask,*
Developed a system to enhance data security by embedding encrypted information within QR codes using steganography techniques.

Super Market Sales Analysis Dashboard — May 2022
Created and managed an IBM Cognos dashboard for visualizing data and generating reports. — *Excel, IBM Cognos*
Designed and implemented an analytical dashboard using IBM Cognos to visualize complex datasets, enhancing data-driven decision-making. .

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