



SOWNTHAR K

SOFTWARE DEVELOPER

Aiming for a dynamic role in a respected firm, I intend to utilize my technical expertise and managerial skills to fuel its growth and success. Dedicated to learning and innovation, I aspire to enhance the organization's progress while advancing my knowledge base.

CONTACT ME

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Address

TIRUPPUR, TAMILNADU

EDUCATION

MASTER OF COMPUTER APPLICATIONS
KONGU ENGINEERING COLLEGE, ERODE
2021-2023
COMPLETED WITH 6.8 CGPA

BACHELOR OF COMPUTER APPLICATIONS
ERODE ART'S AND SCIENCE COLLEGE
2018-2021
COMPLETED WITH 6.7 CGPA

SKILLS

- ADVANCED JAVA
- SPRINGBOOT
- JAVA
- MYSQL
- CSS
- HTML

TOOLS

- ECLIPSE IDE AND INTELLIJ IDEA
- BITBUCKET AND GIT
- HEIDISQL AND POSTMAN

PROJECTS

DROWSINESS DETECTION BY USING KNN ALGORITHM RESEARCH PAPER

Project Description: Vehicle accidents can be prevented through the implementation of an advanced driver drowsiness detection system. This research project employs various mathematical metrics to identify drowsiness in individuals, including Eye Aspect Ratio (EAR), Mouth Aspect Ratio (MAR), Pupil Circularity (PUC) and Mouth over Eye (MOE). To achieve a high level of accuracy, a supervised learning classifier based on the K-Nearest Neighbors algorithm is used. The technologies utilized for this project include Python and the Jupyter Notebook tool.

ONLINE FINANCE MANAGEMENT SYSTEMS WEB APPLICATION

Project Description: It is a web-based application that offers users a platform for managing their personal finances. The system is constructed using HTML, CSS, and JavaScript as front-end technologies, and PHP and MySQL as back-end technologies. Users can create accounts, view insurance policies, and apply for insurance policies. They can also view and apply for loans and submit queries by generating tickets. Overall, the Online Finance Management System provides a user-friendly and efficient solution for managing personal finances online.

JOB APPLICATION USING JAVA ANDROID APP

Project Description: It is an Android job application app, featuring a front end built with XML and a back end powered by Java. The app comprises two primary modules: User Registration and Profile Management, and Job Search and Listings, including Job Posting, Application Submission, and Application Tracking. This multifunctional app aims to streamline the job-seeking process for users while offering employers efficient recruitment tools.

EXPERIENCE

DATASPIRE TECHNOLOGIES | OCT 2023 - PRESENT

Description: API Development: Designed and developed RESTful APIs using Java frameworks (Spring Boot) to facilitate seamless communication between systems, ensuring high performance and scalability. Optimized API performance through caching strategies, load balancing, and code optimization, resulting in improved response times and scalability.

AREA OF INTEREST

- SOFTWARE DEVELOPMENT
- WEB DEVELOPMENT
- WEB DESIGNING