

Yugandhar Kumar Dharmavarapu

JAVA Developer

Detail-oriented individual with a BTech in Software Engineering, looking for a software developer position in a fast-growing company to utilize my technical skills and working knowledge of software applications, development and design.



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SKILLS

JAVA



SQL



DATA STRUCTURES



GITHUB



TECHNICAL WRITING



SOFTWARE ARCHITECTURE



LANGUAGES

English

Full Professional Proficiency

Telugu

Full Professional Proficiency

Hindi

Limited Working Proficiency

EDUCATION

Electronics and Communication Engineering

DVR & DR.HS MIC COLLEGE OF TECHNOLOGY(JNTUK UNIVERSITY), KANCHIKACHERLA.

07/2017 - 07/2022

6.85

PERSONAL PROJECTS

Library Management System

- Developed a sql based application for the library system in college
- Where student can lend books , search books.
- Developed using sql

Traffic Image Processing

- Applied image processing on traffic signal images and generate number of seconds to be waited in red signal
- Convert original traffic image to grey scale to white and black . Compared black and white ratio show the timing of red light in the traffic
- Developed using java

Clipboard Encryption

- The project is based on encrypts copied text which is in clipboard and displays the encrypted text when we paste it using knapsack encryption algorithm .
- Developed in java

Inventory Control Management

- The design goals of an inventory control management database would focus on holding the required items, increasing inventory turnover, retaining safety stock levels, obtaining raw materials at lower costs, bringing down storage costs, reducing insurance costs, etc.
- Developed using sql

Blood Donation Database

- This database would store interrelated data on patients, blood donors, and blood banks.
- Patient's Name, Unique ID, Blood group, and Disease
- Donor's Name, Unique ID, Blood Group, Medical Report, Address, Contact Number
- Blood bank's Name, Address Blood banks' donor details (name, address, contact number)

PUBLISHED ARTICLES IN MEDIUM

1) Pre -increment vs Post-increment

<https://medium.com/@yugandharkumar05/pre-increment-vs-post-increment-c2fce7c12498>

2) Polymorphism in Java

<https://medium.com/@yugandharkumar05/polymorphism-in-java-ee8a12fb8344>

3) Inheritance

<https://medium.com/@yugandharkumar05/inheritance-2dae9f4f5082>

4) LinkedList in Java

<https://medium.com/@yugandharkumar05/linkedlist-in-java-b5e6266dcae9>

5) Stack & Queue in Data Structures

<https://medium.com/@yugandharkumar05/stacks-and-queues-353dc67544ce>