

JYAKAVITHA B

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EDUCATION

SASTRA UNIVERSITY - 2020 – 2024

B TECH – INFORMATION TECHNOLOGY

CGPA - 7.36

LAUREL HIGHER SECONDARY SCHOOL - 2018 -2020

10TH – 90.40%

12TH – 76.30%

WORK EXPERIENCE

SYSEKAM INNOVATION PRIVATE LIMITED - July 2024 - PRESENT

Junior Software Developer

- Contributed in 7+ Jqueries using SQL Joins and window function, enhancing, data retrieval speed
- Utilized HotDocs Developer and HotDocs Author to automate data entry processes, significantly reducing time complexity and minimizing human error.

Technology used: HTML, CSS, Bootstrap, JQuery, HotDocs Developer, HotDocs Author

PROJECTS

1. OBJECT DETECTION AND MEASUREMENT SYSTEM

Project Description:

- Utilized an objective measurement technique to upload an image by utilizing OpenCV libraries. Also used the canny edge detection algorithm to identify the object to be measured and to be detect the edges o the objects.
- Morphological operators which include Dilation and Erosion have also been utilized to close the gaps between edges. This proposed method is tested on several objects of different sizes and shapes, and the results demonstrate its accuracy and robustness.

2. PORTFOLIO WEBSITE

Project Description:

- Created portfolio using HTML, CSS and JAVASCRIPT. In this website design will add the name and designation of the user. Then they will display the image, skills, work experience and education details.
 - In the footer of this website will add contact info and contact form. We will receive the contact form data on our google sheets. This website design will be completely responsive for all screensn devices like mobile phones.
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SKILLS

Technical skills : Python, SQL

Web Development: ReactJs, JavaScript, HTML, CSS, BootStrap, Tailwind

Automation : HotDocs Author, HotDocs Developer

Co-Curricular Activities

Team Member - Sastra Hope(SAHO)

- Interacted with Covid - 19 Patients and monitored their health
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CERTIFICATIONS

- Completed internsip program on **WEB DEVELOPMENT** on Microsoft **IBM**.
- Java online training internship and job preparation in **Internshala training**.