

HARIHARAN M

Software Developer

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ABOUT ME

Motivated Computer Science Engineering student with strong knowledge of Python, Frontend technologies (HTML, CSS, JavaScript), and SQL. Seeking an entry-level software developer role to apply my technical skills, learn industry practices, and contribute to real-world projects.

TECHNICAL SKILLS

Frontend Technologies: HTML, CSS, JavaScript for building responsive and interactive user interfaces.

Programming Languages: Python with strong understanding of core programming concepts; Java (Basic).

Database Management: SQL for writing basic queries and performing CRUD operations.

Tools: GitHub for version control and code management.

PROJECTS

Virtual Mouse Using OpenCV and MediaPipe

- Developed a computer vision-based virtual mouse using hand gesture recognition.
- Enabled cursor movement and click actions using real-time webcam input.

Wireless Mouse Using Gyroscope (Arduino Project)

- Built a wireless mouse using Arduino, MPU6050 gyroscope sensor, and Bluetooth module.
- Controlled cursor movement and implemented left and right click functionality.

Skin Cancer Prediction System

- Developed a machine learning model to predict skin cancer from skin lesion images.
- Implemented CNN-based classification with confidence score output using Python.

Library Management System (File Handling Based)

- Developed a console-based Library Management System using Python file handling.
- Implemented features such as adding, viewing, updating, and deleting book records.
- Used files for data storage instead of a database.

EDUCATION

DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE

B.E. – Computer Science Engineering CGPA-8.8
2022 – present

SRI SARASWATHI VIDHAYALAYA MTR HR SEC SCHOOL

Higher Secondary (12th Grade) 83%
2022

CERTIFICATIONS

Introduction to Artificial Intelligence – **Google**

Programming in Java – **NPTEL**

Artificial Intelligence in Industrial and
Management Engineering – **NPTEL**

Python for Data Science, AI & Development –
IBM

LANGUAGES

English – Professional Working Proficiency

Tamil – Native