# ABINAYA K

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## OBJECTIVE

Motivated and enthusiastic B.Tech IT graduate with strong skills in HTML, CSS, JavaScript, and MS SQL. Passionate about building responsive websites and continuously learning new technologies in web development. Seeking an opportunity to grow as a frontend developer and contribute to real- world projects.

## EDUCATION

**AVC COLLEGE OF ENGINEERING,**       **2022 - 2025**
B.Tech Information Technology,
Mayiladuthurai , TamilNadu.
**CGPA:8.00**

**MRK POLYTECHNIC COLLEGE,**       **2019 - 2022**
Computer Engineering,
Kattumannarkoil,TamilNadu.
**PERCENTAGE: 94%**

**GOVT GIRLS HR SECONDARY SCHOOL,**       **SSLC(2018-2019)**
Manalmedu,Tamilnadu.
**PERCENTAGE: 61.8%**

## SKILLS

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|---|---|
| **Web Technologies :** | HTML, CSS, Bootstrap, JavaScript,ReactJs |
| **DataBase :** | MY SQL |
| **Tools :** | VS Code, Git, GitHub |

## PROJECTS

- **Advanced Multi Class Cancer Diagnosis Leveraging Deep Learning Techniques.**   MAY 2025
  **Technologies Used:** Python, TensorFlow, CNN, EfficientNet, Flask, MySQL.
  Developed an AI-powered system to detect and classify skin, leukemia, and lung cancers using medical images. Utilized EfficientNet and CNN with transfer learning for accurate multi-class classification. The system included image preprocessing, model training, and evaluation using precision and recall. Integrated a Flask web interface for real-time predictions and achieved 94 % overall accuracy with diagnostic suggestions to support clinical decisions. (GitHub Repository)

- **StayEase – Hotel Booking Website.**   FEB 2025
  **Technologies Used:** HTML,CSS,JavaScript.
  Created a responsive hotel booking website with a clean design and smooth user experience. Focused on layout structure, interactive elements, and mobile-friendly design using web development best practices. This project highlights my frontend skills and can be extended with backend features in the future.(GitHub Repository)

## ACHIEVEMENTS & CERTIFICATION

- Attended a workshop on the topic of Full Stack development in Annamalai university.

- Participated in ICIRET-2025 with a paper on "Advanced Multi- Class Cancer Diagnosis Leveraging Deep Learning Techniques".

- Completed Full Stack Development course (3 months) – Apr 2025 to Jun 2025

## INTERNSHIP

- Completed a one-month web development internship, gaining practical experience in building applications. Earned certification validating my technical expertise.