

# KARTHIKA V

## CONTACT

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**Github :** <https://github.com/karthika-246>

## EDUCATION

B.Sc Computer Systems & Design

**Kongu Engineering College, Erode**

Jun 2023 - April 2026

CGPA : 7.96

Higher Secondary

**Jayam Vidhya Bhavan Matric  
Hr.Sec.School**

Jun 2022 March 2023

## SKILLS

- HTML, CSS, JAVASCRIPT
- JAVA
- C
- PYTHON
- SQL
- UI/UX

## SOFT SKILLS

- Adaptability
- Teamwork
- TimeManagement

## TOOLS

- Android Studio
- Figma
- Blender
- Power BI

## CAREER OBJECTIVE

I am a motivated and curious learner with basic skills in Python, JavaScript, HTML/CSS, SQL, and some experience with React JS and Power BI. I am looking for an internship where I can improve my coding skills, work on real projects, and learn new things in a practical and supportive environment.

## PROJECTS

### **CT-Image Denoising**

Developed a web-based tool to enhance CT scan clarity without increasing radiation exposure. Implemented a CT-image denoising system using the Non-Local Means (NLM) algorithm to improve image quality by reducing noise while preserving important structural details.

GitHub: [https://github.com/karthika-246/CT-Image\\_Denoising](https://github.com/karthika-246/CT-Image_Denoising)

### **Blood Group Detection Using Fingerprint**

Developed a fingerprint-based blood group detection system using Arduino Uno and a deep learning model integrated with a Flask web app, providing a low-cost and non-invasive healthcare solution.

### **HR Analysis Dashboard**

Created an interactive dashboard in Power BI to analyze employee data and provided actionable workforce insights using dynamic charts and filters to support HR decision-making.

GitHub: [github.com/karthika-246/HR\\_Analysis\\_Dashboard](https://github.com/karthika-246/HR_Analysis_Dashboard)

### **E-Commerce Website**

Built a full-stack e-commerce platform with product listing, category filters, wishlist, and add-to-cart functionality. Integrated an admin dashboard to manage inventory, monitor stock, and update products, ensuring a smooth and responsive shopping experience.

GitHub: <https://github.com/karthika-246/Ecommerce>

## ACHIEVEMENTS

Completed a one month virtual internship position in **Java Programming** at **CodSoft** in the time period of July to August 2024.

Completed Microsoft Power BI Data Analyst Associate, conducted by ICT Academy in association with Microsoft.

Secured 1st Prize in a paper presentation titled “Data Analytics” at Velalar College of Engineering and Technology, Erode