KRISHNA VENI M

FULL STACK DEVELOPER

CONTACT

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EDUCATION

B.E Computer Science Engineering
K.L.N College of Engineering,
Sivaganga.
2021 – 2025

Higher Secondary with 83%
Oxford Matric Hr. Sec. School,
Sivaganga.
2020 - 2021

SKILLS

- Teamwork
- Confidence
- Agility & Adaptability
- Leadership
- Commitment to Deadlines

WORKSHOPS/SEMINARS

1. Participated in Workshop on 'Imagine Solutions for 2050'.
2. Participated in Workshop on 'Design Thinking'.
3. Completed the Seminar 'Cyber Security'.

HOBBIES

1. Learning New Technologies
2. Listening to Music

PROFILE

I am a Full Stack Developer with hands-on expertise in HTML, CSS, JavaScript, React, Java and MySQL. Built scalable web applications integrating machine learning and cloud technologies. AWS Cloud Certified. Passionate about solving real-world problems through innovative, user-centered solutions.

PROJECTS

MEDiVIRTUO Telemedicine Website
Technologies: HTML, CSS, JavaScript, DOM, Responsive Design
- Built a responsive telemedicine platform with real-time form validation and dynamic content rendering.
- Applied responsive UI/UX principles to ensure compatibility across mobile and desktop devices.

Real - Time Human Activity Recognition for Elderly Care in Smart Home
Technologies: Python, Scikit-learn, NumPy, Pandas, Flask, MySQL, REST API, Twilio, Matplotlib
- Developed a machine learning system using K-Nearest Neighbors (KNN) to classify real-time sensor-based activities.
- Integrated Flask APIs with MySQL backend, Twilio alerts and visualized data using Matplotlib.

Multimodal Human - Computer Interaction System
Technologies: Python, OpenCV, MediaPipe, SpeechRecognition, Pynput, Haar Cascade
- Created a contactless HCI system using gesture-based mouse control and voice commands via webcam and microphone.
- Implemented virtual keyboard input and eye-blink detection to enhance accessibility for differently-abled users.

TECHNICAL SKILLS

- **Frontend Technologies:**
  HTML5, CSS3, JavaScript, Bootstrap, React.js, Responsive Web Design
- **Backend Technologies:**
  Java (Core and OOPs), Spring Boot, RESTful APIs, MySQL, JDBC
- **Frameworks & Libraries:**
  Spring Boot, JSP, Servlets
- **Tools & Platforms:**
  Git, GitHub, Postman, VS Code, IntelliJ IDEA, Eclipse

CERTIFICATIONS & TRAINING

- **Full Stack Java Developer Training -** FITA Academy, 2025
  Core Java, OOPs, JDBC, JSP, Servlets, Spring Boot, REST APIs, MySQL, HTML5, CSS3, JavaScript, React.js and Bootstrap.
- **AWS Cloud Practitioner Essentials** - ICT Academy, 2024
  Basics of AWS services, cloud architecture, deployment models and security.