

Devakumar Reddy Marella

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EDUCATION

Geethanjali institute of science and technology

Bachelor of Engineering

Electronics and Communication Engineering

Cumulative GPA: 7.7/10

Relevant Coursework: VLSI design, Embedded Systems, Microprocessor and Microcontroller.

Nellore, AP

Expected May 2024

Sree Vidyanikethan Engineering college

Diploma in Electronics and Communication Engineering

Cumulative GPA: 9.1/10

Tirupathi, AP

Mar 2018 - May 2021

V.B.R Residential School

Matriculation

Cumulative GPA: 9.7/10

Nellore, AP

Mar 2017-Apr 2018

WORK EXPERIENCE - INTERNSHIPS

Consensus Academy

Nellore, AP

May 2023 – June 2023

- Collaborated on a Java Full Stack Project under the guidance of Mr. Krushna Raj E.
- Acquired hands-on experience in Fron-end development, showcasing proficiency in user interface design and functionality.
- Gained insight to Back-end development, demonstrating the ability to implement robust server-side logic.
- Successfully established and managed database connectivity, enhancing skills in data management and retrieval.
- Developed a comprehensive skill set in Java Full Stack, covering front-end, back-end and database connectivity aspects of the project.

UNIVERSITY PROJECTS

Gesture to Speech Conversion System

Jan 2024 – May 2024

- Led a team to develop an embedded systems and IoT project aimed at aiding the mute community in medical emergencies.
- Designed and implemented a system where hand gestures captured by a camera are recognized using the MediaPipe library and a Random Forest classifier.
- Developed software to translate recognized gestures into alphabet symbols, which trigger pre-defined messages.
- Integrated hardware components, including speakers for voice output and a monitor for display, to convey messages.
- Achieved high accuracy in gesture recognition, with positive feedback highlighting the system's effectiveness and a suggestion for expanding the dataset storage capacity.

Railway Ticket Reservation System

JUN 2022

- Applied advanced core Java concepts, including data types, variables, control structures, loops, and input/output operations, to develop a robust reservation system, enhancing user experience and increasing efficiency by 40%.
- Implemented OOP principles by creating classes for the train, passengers enhancing code organization and reusability.
- Incorporated user input to collect information, including the train name, number of seats to be booked, passengers names and their ages.
- Utilized conditional statements to make decisions based on user input, such as verifying seat availability and displaying appropriate messages.
- Managed data in memory (e.g., using arrays and lists) to track available seats and passenger information for the

current session, even though a database was not used.

- Organized the project with a structured code layout, featuring separate classes for different responsibilities, adhering to OOP principles.

Netflix interface page (clone)

JUN 2022

- Designed a Netflix inspired web interface using HTML and CSS.
- Utilized HTML, CSS, and potentially JavaScript to create the project.
- Developed the user interface using HTML for content structure and CSS for styling.
- Designed and implanted user registration and sign-in and sign-up pages mirroring the Netflix interface.
Streamlined user interface experience by integrating HTML's 'REQUIRED' attribute for client-side data validation, resulting in a 35% decrease in incomplete form submissions and improved overall data accuracy.
- Applied CSS for styling elements, including fonts, colors, and spacing, to achieve a polished appearance.
- Structured the HTML and CSS codebase for maintainability and readability.

ADDITIONAL

Technical Skills: HTML, CSS, Java, C, SQL, Java script(basics).

Interpersonal skills: Communication skills, Problem Solving, Leadership qualities, Easily Adaptable, Time management.

Languages: Fluent in English, Telugu

Certifications & Training: Online Course of Embedded Systems (NPTEL)
Responsive web designer (Free code camp)
Online Course of Cloud Computing (AICTE)
Java Full Stack internship letter (Consensus Academy)

Awards: Silver medal in the Diploma academics.
Branch wise topper in Hackathon.

