VIMALRAJ V

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CAREER OBJECTIVE

- To obtain a software developer position where I can apply my programming skills, problem-solving abilities, and passion for technology to contribute to the organization's growth while gaining practical experience and advancing my technical expertise

SRI MANAKULA VINAYAGAR ENGINEERING COLLEGE   July - 2021 - May - 2025

B.Tech / Mechatronics
CGPA - 8.58

WORK EXPERIENCE

Maintenance Intern - Samvardhana Motherson Innovative Solutions Ltd ,   Dec -2022 - Jan -2023
Puducherry, India - offline internship
Accomplished an Poka -Yoka Mechanism installed in the CMM Machine using relays
and PLC Automation.

ML Intern - TEACHNOOK - Virtual internship   March -2023 - April 2023
Accomplished a Comprehensive end-to-end Chat-Bot using Python , showcasing proficiency in
both frontend and backend development.

PROJECTS

AUTOMATIC CHROMATIC SORTING WITH PICK AND PLACE ROBOT USING MACHINE VISION   March -2025

- "Automatic Chromatic Sorting with Pick and Place Robot using Machine Vision"-Here a simple robotic arm is used to apply the color sorting to a physical system. This model evaluates how well a robotic arm can sort different objects using a predefined color identification algorithm.

ANIME QUIZ APPLICATION

- The Anime Quiz is an interactive game testing user's knowledge of anime shows.It feactures questions with four possible answers, Score tracking , and a restart option . Users can complete and have fun while showcasing their knowledge . Additional feactures like timers ad leaderboards can enhance the experience. Focused on an attractive and responsive UI using HTML, CSS, and JavaScript.

TECHNICAL SKILLS

Languages: Java , SQL ,Manual Testing,JDBC
Web : Html , CSS, JavaScript , React.js,
Databases : MySQL
Developer Tools : VS Code , Eclipse

EXTRA CURRICULAR

- Solved 30+ coding problems on LeetCode, improving algorithm efficiency and logical reasoning.
- Earned Java (Basic) certificate on HackerRank, validating programming fundamentals and skills.
- Practiced competitive coding in FrontEnd -Mentor regularly, boosting coding speed and technical and designing Dynamic and interactive web Pages .

COURSES

NPTEL-Manufacturing Processes-Casting and Joining.
NPTEL-Inspection and Quality control in manufacturing.
AutoCAD for mechanical.
Java Full Stack Ongoing at Qspider's Institution.