

YUVARAJ J

Front end Developer

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PROFESSIONAL SUMMARY

Entry-level Full Stack Developer with strong skills in React.js, JavaScript, HTML, and CSS. Hands-on experience in building responsive web applications including a WhatsApp Clone and Weather App. Familiar with REST APIs, MongoDB, and Git. Actively seeking a Frontend / Full Stack role.

SKILLS

Languages: JavaScript , HTML / CSS

Databases: MongoDB

Frameworks: React.Js , Bootstrap

Tools & Technologies: Git

INTERNSHIP EXPERIENCE

VCodez Technologies

Sholinganallur, Chennai
March2025 - May2025

- Developed eco-friendly polymer coatings as a sustainable alternative to Bisphenol A (BPA)-based protective layers used in plastics and food packaging.
- The project focused on extracting bio-based polymers from tomato pomace (food waste byproduct) and applying them to aluminum substrates.
- The aim was to achieve strong mechanical strength, high hydrophobicity, and safer environmental standards.
- Machine learning (SVM) was used to analyze pH levels and validate coating effectiveness for real-world applications.

Fantasy Solution

Trichy
July2024

- Worked on basic IoT concepts and device communication.
- Assisted in testing and implementation.
- Learned real-time system integration.

ACADEMIC PROJECTS

Novel Polymer Integration in Elevating Standards for Protective Coatings,

TECH STACK: HTML, CSS, JAVASCRIPT, JAVA , AI

- Developed bio-based lacquers from tomato pomace as sustainable alternatives to BPA-based coatings.
- Conducted polymerization and testing, achieving strong mechanical properties and high hydrophobicity on aluminum substrates.
- Implemented Support Vector Machines (SVMs) to classify pH levels, showcasing the algorithm's effectiveness in environmental data analysis.

PERSONAL PROJECT

Weather App (React.js)

- Integrated weather API.
- Displayed live forecasts.
- Implemented loading & error handling.

EDUCATION

Bachelor of Technology in Information Technology,

Christian College of Engineering and Technology.

Anna University.

CGPA: 7.01 / 10

Dindigul
2021-2025