

Hemanth D

Fullstack Developer

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🐙 <https://github.com/D-Hemanth> in <https://www.linkedin.com/in/hemanth-d-b1ab04165>

Professional Experience

11/2020 – present
Bangalore, India

Project Fellow 2 - Fullstack Developer,

Central Manufacturing Technology Institute

- Developed the frontend for Maintenance & Spare management tool for an Automotive company with features like User management, ability to set critical, warning limits for spares in use, machines status monitoring, tool life tracker & replacement scheduler.
- Built a simple, effective, and robust CI/CD system that helps developers to work together, maintain code quality, and deploy safely.
- Developed, optimized frontend & backend for ebhandu an internal tool with various feature like leaves, attendance management, interdepartmental testing requests, work follow-up, user login, logout & token-based authentication.
- Developed a frontend module for Energy Monitoring Dashboard for Legacy manufacturing machines under the Smart IOT Industry 4.0 project for real-time monitoring of machine status.

Education

06/2014 – 03/2018
Bangalore, India

Bachelor of Engineering - Mechanical Engineering,

Dr. Ambedkar Institute of Technology, CGPA - 9.20

Skills

React • Redux • HTML • CSS • Javascript • Node.js • Express.js • MongoDB (mongoose)
PostgreSQL (sequelize) • jest (unit tests) • Cypress (e2e tests) • GraphQL (apollo) • Material UI
Three.js • React Three Fiber • Git • React Native (expo)

Projects

Marble Race Game [🔗](#)

A simple timed 3D race game built using Threejs, React-Three-Fiber. [Github](#) [🔗](#)

Stack Used: UI - ThreeJs, React-Three-Fiber, React-Three-Drei, State Management - Zustand, Physics - Rapier3D, Tooling - Vite

Pokemon Pokedex [🔗](#)

An application used to demonstrate a simple CI/CD deployment pipeline using workflows in Github Actions.

[Github](#) [🔗](#)

Stack Used: UI - React, React-Router, API - Rest(Axios), Testing - Cypress, Jest, CI/CD - Github Actions

Rate Repository App

React Native mobile application for rating GitHub repositories. [Github](#) [🔗](#)

Stack Used: UI - React Native, React, Formik-Yup, API - GraphQL(Apollo), Testing - Jest, Jest-Native, Bundler - Metro, Tooling - Expo

Languages

Kannada

English

Hindi

Telugu

Japanese