

# Nirmal Raj M

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## Skills

**Languages:** JavaScript, HTML, CSS, Python, SQL

**Technologies & Tools:** React, Node.js, FastAPI, PostgreSQL, Git, GitHub, Vercel, Render, JWT, Chart.js, Postman, Docker

## Work Experience

**Prince Capital, Chennai**

Mar 2024 - Present

### Software Developer

- Engineered interactive dashboard modules using React and Chart.js to visualize financial metrics and feedback trends across departments.
- Integrated RESTful APIs to dynamically fetch and display data on user dashboards with real-time updates and user role filtering.
- Applied data transformation techniques and conditional rendering for efficient state-driven component updates.
- Optimized chart rendering with virtualization techniques to ensure performance on large datasets.
- React, Chart.js, JavaScript, REST API, JWT, Docker, PostgreSQL, Vercel

## Education

**Bharathiar University**

2022 – 2024

**CGPA: 7.2/10**

Masters of Computer Applications

**Sri Krishna Adithya College of Arts and Science**

2019 – 2022

**CGPA: 7.1/10**

Bachelors of Computer Applications

## Project Work

### Internal Feedback System

- Developed a full-stack role-based feedback platform using React and FastAPI.
- Enabled feedback creation, sentiment visualization, dashboard insights, and history tracking for managers and employees.
- Integrated Chart.js for graphical trends and jsPDF for exporting feedback reports as PDF.
- PostgreSQL, FastAPI, React, Chart.js, JWT, jsPDF.

### Diet Recommendation System

- Built a personalized diet suggestion app using Python and Flask.
- Collected user input (age, BMI, activity level) to generate nutritional plans.
- Integrated public food nutrition APIs and presented charts for visual feedback.
- Python, Flask, HTML/CSS, REST API, Chart.js.

## Achievements and Certifications

- Consistently practice DSA and JavaScript problems on platforms like HackerRank and LeetCode.
- Completed Full Stack Web Development Bootcamp with a focus on React, Node.js, and REST APIs.
- Certified in Postman API Fundamentals by Postman Academy.
- Built and deployed practical projects including an Internal Feedback System and a Diet Recommendation Web App.