

# BHOOMIKA H M

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## Experience Summary

- Have undergone six months of intensive training on MERN Stack.
- Frontend Technologies: ReactJS (Functional Based and Class Based), Redux Toolkit (State Management), Vanilla JavaScript, Material UI (Framework), DOM, HTML and CSS.
- Backend Technologies: Node, Express, JWT Authentication.
- Database: MySQL 8.3.0, Mongo DB 8.0.4.

## Projects

### Movie App

#### Features:

**Multiple Roles:** Admin & User, Booking movie seats based on availability, Admin Dashboard to visualize.

**Frontend Technologies:** React JS, Redux Toolkit, Vanilla JavaScript, HTML & CSS.

**Backend Technologies:** Node, Express, MongoDB, JWT Authentication.

**Git Link:** [Frontend](#) , [Backend](#)

### Blog App

#### Features:

**Multiple Roles:** User Dashboard to visualize, Add, Update and Delete Blog.

**Frontend Technologies:** React JS, Vanilla JavaScript, HTML & CSS.

**Backend Technologies:** Node, Express, MongoDB.

**Git Link:** [Frontend](#) , [Backend](#)

### Admin Dashboard

**Features:** User Dashboard to visualize, Add, Update and Delete Blog.

**Technologies:** React JS, Vanilla JavaScript, HTML & CSS.

**Git Link:** [Code](#)

## Development of Click gesture to Speech Conversion

- Smart Gloves with input buttons play the major role. They are Embedded to the gloves. The output from the buttons is fed into the Raspberry processor development board.
- The Raspberry pi converts the signal to audio conversion using Machine Learning techniques used for converting text to speech.
- Then the data is sent to LCD display and speaker where the speech output is obtained using an pytesseract Text to speech conversion

## **Property Rental Management System (Mini Project)**

- Manual system is laborious and makes the process difficult.
- Therefore, we tried to develop a system which computerize the work. It basically collects the all records of the tenants.
- Backend – MYSQL, Frontend – JAVA.

## **Club Management System (Mini Project)**

- Ensures that a proper record is maintained with respect to club events and members entered the club. This whole system is in C++ language.
- Adds events and members to the club, can also modify and delete the details.

## **Qualification**

B.E in ISE from East West Institute of Technology, Bangalore (VTU).

## **Personal Details**

Date of Birth	: 18 <sup>th</sup> June 2001
Father's Name	: Muthe Gowda
Languages Known	: English, Kannada.
Other Interests	: Traveling, Watching movies.
Nationality	: Indian
Passport	: Un-Available

**Date: 08/03/2024**

**Place: Bangalore**

**Bhoomika H M**