

# BISHRI MOHAMMED

## FULL-STACK WEB DEVELOPER

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### Profile

As a highly motivated Software Engineer, I am fueled by curiosity and dedicated to delivering exceptional results. With a track record of one years in implementing production-ready applications, I possess a deep understanding of the development lifecycle and a passion for creating high-quality, scalable solutions. My keen eye for detail and design enables me to craft robust and efficient products that meet the needs of users and stakeholders. With a strong commitment to continuous learning, I am always seeking new challenges to expand my skill set and stay at the forefront of cutting-edge technologies. Committed to excellence, I thrive in collaborative environments where I can contribute my expertise and drive the success of projects.

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### Skills

- React JS
- Node JS, REST API
- MongoDB
- Express JS
- Git
- HTML, CSS
- Redux
- Bootstrap
- JavaScript

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### Education

#### JIMMA UNIVERSITY

#### BSC. Computer Science

Feb 2018 - Aug 2022

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### Soft Skills

- ✓ Hard Worker
- ✓ Critical Thinker
- ✓ Problem Solver
- ✓ Team Player
- ✓ Creative Minded

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### Hobbies

- Reading
  - Doing personal project
  - Continuous Learning
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## **CLINIC MANAGEMENT SYSTEM**

### **Full-Stack MERN | Clinic Management System**

I developed a comprehensive clinic management system with various functionalities to streamline workflow and improve efficiency. The system involved four actors: doctors, cashiers, laboratorians, and administrative assistants.

- implemented a user-friendly interface using React, React-Redux, Redux-Toolkit, and React Bootstrap, ensuring a seamless user experience.
- Utilized React Router DOM for efficient navigation between different sections of the application.
- Employed Axios to handle asynchronous HTTP requests and facilitate smooth communication between the front-end and back-end.
- Implemented authentication and role-based access control to ensure secure access for each actor.
- Integrated Tanstack/React-Query library to handle server state and caching, resulting in optimized data fetching and management.

#### **Backend Technologies:**

- Developed the backend using Node.js, Express, and MongoDB.
- Leveraged Mongoose for seamless interaction with the MongoDB database.
- Implemented CORS (Cross-Origin Resource Sharing) to enable secure communication between the front-end and back-end.

#### **Key Functionalities:**

##### **Cashier:**

- **Patient Management:** Implemented patient registration, update, and admission functionalities.
- **Billing:** Enabled the cashier to generate bills for patients and handle payment transactions.

##### **Doctor:**

- **Patient Management:** Allowed doctors to view patient information and medical history.
- **Medical Prescriptions:** Implemented the ability for doctors to prescribe medication to patients.
- **Investigation Orders:** Enabled doctors to order laboratory and imaging investigations for patients.

##### **Laboratorian:**

- **Investigation Management:** Implemented the ability for laboratorians to perform and record lab and imaging investigations assigned by doctors.

##### **Administrative Assistant:**

- **System Administration:** Provided administrative control over the entire system, including user management and system configuration.

## **CHAT APP**

### **Full-Stack MERN |**

I have developed a chat application that resembles Telegram. For the frontend, I utilized React, Bootstrap, and Material UI. In terms of the backend, I employed Node.js and Express.js. MongoDB was chosen as the database, while Firebase was utilized for storing user profile photos.

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