

MUTHU YOGESH

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PROFILE SUMMARY

Enthusiastic graduate with a strong interest in software development and problem-solving. Skilled in Node.js, Express.js, MongoDB, React.js, flask and SQLite through self-learning and projects. Seeking an entry-level Full stack Developer role to apply critical thinking and technical skills to develop a modern web application which solves the real world problems.

PROFESSIONAL EXPERIENCE

TIME MEDICAL INTERNATIONAL VENTURES (INDIA) PVT LTD

Visakhapatnam

Role – Production Testing Engineer

July 2023 - November 2024

- Installed, calibrated, and troubleshoot MRI machines to ensure optimal performance and compliance with safety standards.
- Contributed to achieving ISO 13485 certification by supporting quality management processes.
- Assisted in the creation and review of technical documentation for medical imaging products.

TECHNICAL SKILLS

Frontend: HTML5, CSS3, JavaScript (ES6+), Tailwind CSS, React.JS, React-Redux Toolkit

Backend: Node.js, Express.js, Flask

Database: MongoDB, Mongoose ORM, SQLite

Tools: Git, Github, VS Code, Postman, Netlify, Render, Vercel, ChatGPT and Copilot

Programming Languages: C, Java, JavaScript (ES6+) and Python

Others: REST APIs, Socket.io, AWS S3, DSA, OOP, Bcrypt, Authentication and Authorization with JWT

CERTIFICATIONS & COURSES

Prime Max Academy Full Stack Development – PrepInsta (Feb - Aug 2025)

EDUCATION

Bachelor of Engineering – Biomedical

Velalar Collage of Engineering and Technology

Erode, Tamil Nadu

Sep 2019 - May 2023 [8.91]

ACADEMIC PROJECTS / PERSONAL PROJECTS

1. [DEVGLUCK](#) - MONGODB, EXPRESS.JS, REACT.JS, NODE.JS, SOCKET.IO, JWT, REDUX
Developed a real-time social media and messaging platform with secure JWT-based authentication.
Developed bi-directional chat functionality using Socket.IO for seamless real-time communication. Implemented Redux with Thunk for efficient state and async data management, ensuring smooth chat list
Rendering and live user status updates. Added user search, chat initiation, and unread message tracking to enhance interactivity and user engagement. [GitHub](#)
2. [Terminal HIVE](#) – React.JS, React-Redux Toolkit, Local and Session Storage
Designed and implemented a responsive user interface featuring a social feed, post creation, like and Comment functionalities, as well as community creation and joining capabilities. Integrated protected Routes for secure navigation. Utilized Redux for efficient state management. [GitHub](#)
3. [URL Shortner](#) – MongoDB, Express.JS, React.JS, Node.JS, RedisDB
Built a full-stack MERN application for URL shortening, including the development of REST APIs for URL Retrieval, shortening, and mapping using Express.js, MongoDB, Redis, NanoID, and CORS. Optimized Performance by implementing Redis caching to accelerate response times. [Github](#)
4. [Scientific Calculator](#) - React.JS
Created a responsive user interface for a scientific calculator, supporting standard and scientific functions. Implemented calculation history feature with local storage for improved user experience and seamless access to previous calculations. [GitHub](#)