

# Thasleemkhan T

MERN Stack Developer

Kerala, Kollam, 691536 / thasleemkhan761@gmail.com / +91 7306555586 / LinkedIn / Github / Portfolio

## Profile Summary

I am a highly motivated full stack developer, with a robust background in both frontend and backend technologies, shaped during a self-driven internship. My background in civil engineering has equipped me with a good grasp of project management skills, and problem-solving, which really goes well in the world of web development. It is this exciting combination of skills that empowers me with the capacity to approach problems from several dimensions in order to come up with high-quality and innovative solutions.

## Technical Skills

**Languages:** JavaScript, HTML, CSS

**Databases:** MongoDB, MySQL, MSSQL, AWS

**Libraries & Frameworks :** Node.js, Express, EJS, React, Redux, Tailwind CSS, Bootstrap

**Tools & Platforms :** Socket.IO, Postman, AWS (EC2, S3), Render, Git, VSCode, Vercel, Jira

**Concepts:** Clean Architecture, MVC Architecture

## Experience

Stackup Learning Hub

Web Developer Intern (Aug 2024 – Present)

- Developed and deployed full-stack web applications using the MERN stack (MongoDB, Express.js, React.js, Node.js), ensuring seamless front-end and back-end integration.
- Gained hands-on experience in building applications through both personal and academic projects, enhancing problem-solving and debugging skills.

## Projects

### Full-Stack Social Media Web Application

LIVE / GIT

- Developed a secure **user authentication system** with **login/signup**, **2-factor authentication (2FA)**, and **OAuth integration** for third-party sign-ins.
- Implemented **file upload functionality** for images and videos, leveraging **AWS S3** for scalable cloud storage and optimized delivery.
- Integrated a **custom video** player with streaming support and built **lazy loading** to enhance performance for large media files.
- Designed dynamic **multi-line data entry forms** with validation and seamless **pagination** for improved user experience.
- Added **real-time features** (e.g., notifications, chat) and **data visualization** tools (charts/graphs) for interactive analytics.
- Enabled **search**, **filters**, and **sorting** for efficient data retrieval, along with **skeleton UI** for smooth loading states.
- Integrated a **payment gateway** (Stripe) and automated **email notifications** for transactions/user actions.
- Optimized database performance with **indexing** and ensured security via encryption, rate limiting, and input sanitization.
- Deployed the application on **Vercel** for seamless frontend hosting, ensuring fast global CDN delivery, automatic SSL, and CI/CD integration for efficient updates.

### Employee Management System

LIVE / GIT

- Developed a secure and scalable **Employee Management System** using **Node.js**, **Express**, **MongoDB**, **HTML5**, **CSS3**, and **JavaScript**.
- Implemented comprehensive **CRUD** operations (Create, Read, Update, Delete) for efficient management of employee details, roles, and departments.
- Enhanced user experience with advanced **search functionality**, **dynamic filtering**, and **pagination** to handle large datasets effectively.
- Integrated robust client-side and server-side **form validation** to ensure secure and accurate data entry.
- Optimized backend **API** responses and **database queries** to deliver a smooth and high-performance user experience.

Real-Time Collaborative Document Editor - LiveDocs (Next.js, Live Blocks, Clerk)

LIVE / GIT

- Built an **improved Google Docs alternative** with enhanced real-time collaboration features including **multi-user co-editing**, **live cursors**, and **instant syncing** using Next.js and Live Blocks
- Implemented **secure authentication** via **Clerk**, supporting OAuth, face detection, and AI login, reducing development time by **80%**.
- Built a **rich text editor** with Markdown support using **Lexical Framework**, enabling formatting, comments, and nested discussions with emoji reactions.
- Added **real-time notifications** and **role-based access control**, allowing users to invite/revoke collaborators dynamically.
- Designed a **fully responsive UI** with **shadcn/ui + Tailwind CSS**, ensuring seamless cross-device compatibility (mobile/desktop).
- Integrated **Sentry** for performance monitoring, achieving **99.9% uptime** and debugging efficiency.
- Deployed with **Vercel** and optimized API responses, reducing latency by **40%** for 10k+ concurrent users.

Contact List Application (React, Redux, REST API)

LIVE / GIT

- Developed a **dynamic contact management system** using React with **Redux for centralized state management**, ensuring efficient data flow and real-time UI updates
- Implemented **CRUD** operations (Create, Read, Update, Delete) with a mock REST API, enabling seamless contact addition, editing, and deletion
- Designed an **intuitive UI** with search, filtering, and sorting capabilities to enhance user experience when managing large contact lists
- Integrated **form validation** and error handling to ensure data integrity and provide meaningful feedback during user interactions
- Optimized performance through **Redux middleware** (Redux Thunk) for asynchronous API calls and efficient state updates

Education\_\_\_\_\_

University of Chennai Bachelor of Engineering	2016-2020
GHSS Kummil Higher Secondary Education, Science	2014-2016