

# Mukesh A

Aspiring full-stack web developer with hands-on experience in the MERN stack. Passionate about building real-world applications, writing clean code, and contributing to impactful tech solutions. Seeking a software development internship to learn, grow, and make meaningful contributions

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## WORK EXPERIENCE

### Muthayammal Engineering Collage

Full Stack Developer – Project Internship (MERN Stack)

June-2025 - July-2025

- Developed a real-time chat application (**WiFiChat Connect**) using MongoDB, Express.js, React.js, and Node.js.
- Implemented IP-restricted login, group/individual messaging, file sharing, and message status features.
- Handled user session tracking with login/logout time and online duration stored in MongoDB.

## EDUCATION

### Rasi Matriculation Higher Secondary School

Computer Science Stream - 76 %

2021 - 2023

### Muthayammal Engineering College

B.E. Computer Science and Engineering - 8.35

2023 - 2027

## PROJECTS

### Music Player Web App – Spotify Clone [🔗](#)

April-2025 - May-2025

**Tech Stack:** MongoDB, Express.js, React.js, Node.js, Socket.IO

- A full-stack music streaming web application with Single and Multi-user modes, real-time song sync, file upload, and in-room group chat features.
- Implemented JWT-based authentication with login/register and admin control.
- Enabled song upload/delete via Admin panel with file storage using Multer.
- Built real-time multi-user song sync and chat using Socket.IO with room join/create.

### WiFiChat Connect – Local WiFi-based Chat App [🔗](#)

June-2025 - July-2025

**Tech Stack:** MongoDB, Express.js, React.js, Node.js, Socket.IO, Multer

- Built a real-time chat application using MERN stack and Socket.IO for communication over local WiFi networks.
- Enabled file/PDF sharing, typing indicators, group & direct messaging with IP-based login restrictions.
- Tracked user login/logout with online duration, and allowed only approved WiFi IPs via admin dashboard.

## SKILLS

- **Programming Languages:** JavaScript (ES6+), Java, C, SQL, HTML5, CSS3
- **Frontend:** React.js, Bootstrap, Axios, Responsive UI Design
- **Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication, Socket.io
- **Database:** MongoDB, Mongoose, MongoDB Atlas
- **Tools and Platforms:** Git, GitHub, Postman, Render

## CERTIFICATE

### Microsoft Azure Fundamentals - AZ900 [🔗](#)

- Scored above 85% in the certification exam, demonstrating strong understanding of cloud concepts, Azure services, and security principles.
- Gained hands-on exposure to Azure resources like App Services, Blob Storage, and role-based access through real-time labs.