

SYEDA UMME KULSUM (MERN Stack Developer)

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TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), C
- **Frameworks & Libraries:** React.js (Basic), Express.js, Mongoose
- **Backend & Architecture:** Node.js, REST APIs, MVC
- **Database:** MongoDB, Redis
- **Tools:** Git, GitHub, Bitbucket, VS Code, Postman
- **AI Tools:** ChatGPT, GitHub Copilot, Postman AI, Canva AI, Perplexity
- **Packages:** express, mongoose, jsonwebtoken, bcrypt, dotenv

PROJECTS

Clinic Management System:

- Built scalable RESTful APIs with Express.js for appointments, billing, auth, and patient records, improving response time by **35%**.
- Optimized MongoDB schemas/queries for **30% faster performance** and **1000+ concurrent users**.
- Implemented JWT authentication with role-based access, reducing unauthorized attempts by **90%**.
- Developed scheduling, billing, and PDF invoice modules, improving receptionist efficiency by **40%** and ensuring **95% accurate** data sync.
- Designed responsive role-based dashboards with Handlebars.js, HTML, CSS, and Bootstrap, achieving **100% mobile responsiveness** and **98% task success rate**.
- **GitHub link-** https://github.com/syedaummekulsum07/clinic_management.git

Competitive monitoring:

- Built a **competitive monitoring web app** using Node.js, Express.js, and MongoDB, improving data processing efficiency by **40%**.
- Integrated **RSS feeds** for automated competitor tracking, delivering **real-time insights with 95% data accuracy**.
- Developed a responsive **dashboard UI** with HTML, CSS, and JavaScript, enhancing visibility and user navigation by **50%**.
- Implemented auto-tagging and optimized RESTful APIs, improving analysis speed by **60%** and reducing API latency by **30%**.
- **GitHub link-** <https://github.com/syedaummekulsum07/Competitive-monitoring.git>

CERTIFICATIONS/ACTIVITIES

- JavaScript Course | Simplilearn | 2025
- NodeJS Course | Simplilearn | 2025
- Front-end Development (HTML5, CSS3, ReactJS) | Simplilearn | 2025

EDUCATION

Master of Science (MSc) in Mathematics CGPA: 8.79	12/2022 - 11/2024
Kuvempu University	
Bachelor of Science (BSc) (90.75%)	06/2019 - 10/2022
Kuvempu University	