# MADHU U

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## PROFESSIONAL SUMMARY

Front-end / Full-Stack Developer skilled in MERN Stack (MongoDB, Express.js, React, Node.js) and Next.js, with strong fundamentals in HTML, CSS, JavaScript (ES6+), and RESTful API development. Transitioning from a 2.4-year career as a Systems Engineer at Infosys, bringing problem-solving abilities, Agile methodology experience, and a commitment to delivering scalable, responsive, and user-centric web applications.

## TECHNICAL SKILLS

- **Frontend**: HTML5, CSS3, JavaScript (ES6+), React.js, Next.js, Tailwind CSS, TypeScript
- **Backend**: Node.js, Express.js, REST APIs
- **Databases**: MongoDB, SQL (RDBMS concepts), DB2
- **Other Tools**: Git, GitHub, Visual Studio Code, Agile (Scrum) Methodology, Postman
- **Legacy Systems**: Mainframe, COBOL, JCL (Basic exposure)

## WORK EXPERIENCE

**Infosys Limited** – Systems Engineer                  *Mangalore, India | Aug 2018 – Dec 2020*

- Provided application support and development for enterprise applications on Mainframe and Micro Focus systems.
- Developed and optimized COBOL programs, JCL scripts, and database queries (DB2).
- Monitored job performance, performed incident management, and collaborated with cross-functional teams for production deployments.
- Gained strong experience in Agile development cycles, problem-solving, and application debugging.

## PROJECTS

**E-commerce Frontend Application**   *github.com/Madhu-U/eCommerce-project*

- Developed a responsive React frontend for an e-commerce platform featuring product browsing, cart management, and simulated user authentication via Context API.
- Tech Stack: React.js (Context API), Vite, React Router DOM, Axios, CSS Modules, JSON Server

**Modern Note-Taking Application**   *github.com/Madhu-U/Notes-app*

- Built a secure MERN stack note-taking app supporting user authentication (JWT), CRUD operations, tagging/pinning notes, search functionality, and responsive UI.
- Tech Stack: MongoDB, Express.js, React.js (React Router, Context API, Tailwind CSS), Node.js

**Todo Application**   *github.com/Madhu-U/ToDo-app*

- Designed a simple yet efficient Next.js and TypeScript-based Todo app demonstrating API routes, optimistic UI updates, and CRUD functionality.
- Tech Stack: Next.js, React.js, TypeScript, Tailwind CSS, Lucide React

## EDUCATION

**Bachelor of Engineering (BE) - Mechanical Engineering**

*Global Academy of Technology, Bangalore*
*Jul 2014 – Jul 2018*

## CERTIFICATIONS

- MERN Stack - Software Development Course | JSpiders, Rajajinagar, Bangalore
- Infosys Global Agile Certification