

# Manyatha M

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[GitHub](#): manyathaaa — [Portfolio](#)

## EDUCATION

### Dayananda Sagar College of Engineering

Bachelor of Engineering - Computer Science and Engineering (Cyber Security)

**CGPA: 8.75**

2023 - 2027

## TECHNICAL SKILLS

**Languages:** Javascript, C, C++, Python

**Technologies/Frameworks:** NodeJS, Express, React

**Databases/Tools:** MongoDB, PostgreSQL, Git, GitHub

## EXPERIENCE

### Orange Essence Technologies

October 2025 - Present

Software Development Intern : *Node.js, React, MySQL, Redis, Telegram Bot API*

Internship : Remote

- Engineered and deployed a **Telegram Bot** used by over **1,500+ active users**, integrating **Redis caching** to reduce response time by **60%** and handle **10K+ daily requests**.
- Designed and developed a **full-stack web application** using **Express.js, React, and MySQL**, achieving **99.9% uptime** and automating internal workflows.
- Optimized REST APIs and SQL queries, improving backend performance by **40%** and cutting server CPU utilization by **30%**.

## PROJECTS

### Restaurant Node App *Node.js, Express.js, MongoDB, JWT, bcrypt, REST API | GitHub Render*

- Developed a scalable REST API for restaurant management with user roles: *admin, client, vendor, driver*, using Node.js and Express.
- Built modular features for user authentication (JWT), food catalog CRUD operations, and order processing with real-time status tracking.
- Designed secure role-based middleware for admin controls and implemented bcrypt password hashing and JWT for session management.
- Modeled data relationships with Mongoose schemas covering users, food items (with ratings/tags), and orders (with payment and status flow).

### Ecommerce Website (In Progress) *React.js, Node.js, Express, MongoDB, JWT, Bootstrap | GitHub Website*

- Architecting a full-stack Ecommerce platform using the MERN stack with features like product management, user authentication, and role-based admin access.
- Developed JWT-based auth system with hashed passwords (bcrypt), login/register flows, protected routes, and token storage.
- Building RESTful APIs for user, product, and category management, and setting up Express middleware for secure admin-level actions.
- Implementing a responsive React frontend with Axios for API calls, Bootstrap for UI, and toast notifications for user feedback.
- Planned environment and deployment configuration with `dotenv`, Render hosting, and nodemon for development workflow.

## CERTIFICATIONS

### Foundations Of Cybersecurity

[View](#)

### Play It Safe

[View](#)

### Networks and Network Security

[View](#)

### Tools of Trade : Linux and SQL

[View](#)

### Assets, Threats, and Vulnerabilities

[View](#)

### Detection and Response

[View](#)