

# Mypati Venkatesh

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LinkedIn · GitHub · Portfolio

## CAREER OBJECTIVE

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Final-year CSE student skilled in C++, Data Structures & Algorithms, and the MERN stack. Strong in building secure, scalable web applications with clean architecture, optimized APIs, and real-world backend logic. Looking for an internship where I can deliver production-ready features, improve system reliability, and contribute from Day 1.

## EDUCATION

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- **B.E. in Computer Science and Engineering**  
NBKR Institute of Science and Technology, Vidyanagar *Expected 2026*  
GPA: 8.1/10
- **Intermediate (MPC)**  
Narayana Junior College, Nellore *2022*  
Score: 936/1000
- **SSC**  
Z.P.P High School, Vidavaluru, Nellore *2020*  
GPA: 7.7/10

## TECHNICAL SKILLS

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- **Languages:** C++ (Strong), JavaScript(Basics)
- **Core CS:** Data Structures & Algorithms, Object-Oriented Programming
- **Frontend:** HTML, CSS, React.js
- **Backend:** Node.js, Express.js, RESTful API Development
- **Databases:** MongoDB, MySQL
- **Developer Tools:** Git, GitHub, VS Code, Postman

## PROJECTS

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### Advanced Authentication Management System — Multi-Layer Access Control (2025)

Secure MERN Stack Web Application

- Built secure user registration and login workflows with account lockout (5 failed attempts) and auto-unlock after 15 minutes to prevent brute-force attacks.
- Implemented bcrypt password hashing and SHA-based OTP hashing to ensure secure credential handling.
- Developed token-based authentication using access/refresh tokens with automatic rotation and safe session invalidation on logout.
- Added OTP verification for sensitive actions and built session analytics tracking login duration, location, device/platform, and suspicious access patterns.

## INTERPERSONAL SKILLS

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- Analytical problem-solving
- Reliable execution
- Clear communicator
- Fast learner

## ADDITIONAL INFORMATION

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- **Languages:** English, Telugu (Native), Hindi (Intermediate)
- **Interests:** Web development projects, algorithmic problem solving
- **Work Approach:** Detail-oriented, fast learner, committed to delivering reliable solutions