

Balla Mahendra Prem Kumar

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Professional Summary

Information Technology undergraduate with hands-on experience in full stack web development using the MERN stack. Skilled in building responsive web applications, RESTful APIs, and database-driven systems. Strong foundation in frontend and backend development, problem-solving, and software engineering principles.

Education

Bachelor of Technology (B.Tech) – Information Technology

2023 – 2027

Aditya University, Andhra Pradesh, India

3rd Year (Pursuing)

Relevant Coursework: Data Structures and Algorithms, Full Stack Development, Database Management Systems, Operating Systems, Computer Networks, Object-Oriented Programming, Software Engineering

Projects

Smart Library Seat and Rack Management System — May 2025

Technologies: React.js, Node.js, Express.js, MongoDB, HTML, CSS, Bootstrap, JavaScript

- Developed a full stack web application for online library seat booking and book search.
- Implemented responsive user interfaces and integrated backend REST APIs.
- Worked in a team as frontend developer and handled debugging for client-server integration.
- Live Demo: adityasmartlibrary.netlify.app

Nohongo – Japanese Learning Platform — Jan 2026 – Present

Technologies: React.js, Node.js, Express.js, MongoDB, HTML, CSS, JavaScript

- Developing a MERN-based platform to support beginner-level Japanese learning.
- Features include video lessons, audio pronunciation, quizzes, and interactive UI.
- Designed and implemented independently as a full stack project.

Technical Skills

Programming Languages: Java, JavaScript, Python, C, SQL

Frontend: HTML, CSS, Bootstrap, JavaScript, React.js

Backend: Node.js, Express.js

Databases: MongoDB, SQL

APIs: RESTful API development and integration

Tools: Git, GitHub, Linux, Visual Studio Code

Internship Experience

Junior Full Stack Developer (In-House Internship) — May 2025 – Jun 2025

Aditya University

- Contributed to frontend and backend development of a library management system.
- Integrated REST APIs and handled client-server communication.
- Followed structured development workflows similar to industry practices.

Certifications

- Red Hat – Global Certification, 2025
- Oracle Java Certification, 2024
- Certiport – IT Specialist (HTML and CSS), 2024
- Cisco Networking Academy (NETACAD) – C, Python, 2024
- HackerRank – SQL Certification, 2025

Achievements

- VEDA Web Design Winner, 2025
- VEDA Event Coordinator, 2024
- National Cadet Corps (NCC) Candidate

Additional Information

Languages: Telugu (Native), English (Professional), Japanese (Beginner)

Willing to Relocate: Yes