Palla Murali Krishna

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SUMMARY

Aspiring Software Engineer and B.Tech IT student with strong foundations in Java, Object-Oriented Programming (OOPS), Data Structures, DBMS, and Full Stack Web Development. Hands-on experience building MERN stack applications, developing RESTful APIs, and implementing JWT-based authentication. Solved 250+ DSA problems on LeetCode. Actively seeking a Software Engineer / Full Stack Developer internship.

EDUCATION

Vishnu Institute of Technology   Bhimavaram, Andhra Pradesh
Bachelor of Technology (B.Tech) – Information Technology   *2023 – 2027 (Expected)*

EXPERIENCE

Full Stack Developer
Academic Project   *2025*

- Developed a full-stack e-commerce web application with customer and admin modules using MERN stack.
- Designed and implemented RESTful APIs for product management, cart, checkout, and order processing.
- Implemented JWT-based authentication and role-based access control (RBAC).
- Integrated MongoDB with optimized schema design and CRUD operations.

PROJECTS

To-Do List Application
Full Stack Web Application

- Developed a full-stack To-Do List application enabling users to create, update, delete, and manage tasks efficiently.
- Built RESTful APIs using Express.js for task operations with MongoDB as the database.
- Implemented a responsive frontend using React (Vite) with clean UI and state management.
- Ensured secure API testing and debugging using Postman.
- **Tech Stack:** React (Vite), Node.js, Express.js, MongoDB

Smart India Hackathon – Tourist Survey System
Kerala Government Problem Statement

- Developed a structured digital survey solution for tourist data collection and analysis.
- Contributed to form design, workflow logic, and data validation.

TECHNICAL SKILLS

Languages: Java, C, SQL
Core CS: Object-Oriented Programming (OOPS), Data Structures and Algorithms, DBMS
Frontend: HTML, CSS, JavaScript, React
Backend: Node.js, Express.js, RESTful APIs, JWT Authentication
Tools: Git, GitHub, VS Code, Postman
Tools: Git, GitHub, VS Code

ACHIEVEMENTS

Solved **100+ Data Structures and Algorithms problems** on Striver's A2Z sheet using Java.

Earned **50-Day Consistency Badge** on LeetCode for continuous problem-solving.

Completed **Programming, Data Structures and Algorithms Using Java** (Elite – 65%) — NPTEL (IIT Kharagpur).

Completed **Artificial Intelligence: Concepts and Techniques** (Elite – 68%) — NPTEL (IISc Bangalore).