POOJASRI

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SKILLS

- Programming & Core CS
- Python, Java, Object-Oriented Programming, Data Structures & Algorithms, Operating Systems, Database
- Management Systems (DBMS), Authentication & Security
Frameworks & AI
- Django, TensorFlow, Scikit-learn, Generative AI (LLMs), Prompt Engineering, Agent Development,
Tools & Platforms
- Git & GitHub, Postman, Windows, Android, RESTful APIs, CRUD Operations

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EDUCATION

RAJALAKSHMI INSTITUTE OF TECHNOLOGY
BTech in Computer Science Business System
Third Year (UG) 2025 (2027 Graduation)
CGPA: 9.24

PROJECT

Project Title: Insight Ledger - Progressive AI-Powered E-Passbook (PWA)
- Developed a cross-platform Progressive Web Application (PWA) for digital banking access with offline-first capability. Implemented LSTM-based caching.
- IndexedDB for local storage, and adaptive UI for low-end devices. Prioritized security with AES-256 and WebAuthn.
- 🔗 GitHub | Deployed on Netlify
- 🔗 Deployment Link : https://mellow-gecko-0879d3.netlify.app

Project Title: Flame Out– Forest Fire Strategy Game
- Developed an interactive game implementing Vertex Cover and Shortest Path algorithms on a Binary Tree graph (15+ nodes, 20+ edges) to simulate wildfire escape planning.
- Utilized React and algorithmic backend engine to compute minimum vertex cover sets and validate player strategies, with real-time animations for burning paths.
- 🔗 GitHub | Deployed on Netlify
- 🔗 Deployment Link : https://ia4vp3bkee99bbn7hcg0difiq.bolt.host/

EXPERIENCE

National AI Conference | Feb 2025 | Chennai | 1st Place, Journal Selected
- Built a cross-platform PWA (Smart E-Passbook) using IndexedDB, LSTM caching, and token-based authentication.
- Designed for offline access, low-end devices, and real-world use by banks like SBI, HDFC.

RELIANCE FOUNDATION SCHOLAR | Nov 2024
- Selected through a national-level aptitude test for academic excellence and innovative thinking.

PORTFOLIO & PROFILES

LeetCode: https://leetcode.com/u/CodeWithPooja/
Portfolio: yourwebsite.com