

PALINGI SHASHANK

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EDUCATION (CGPA: 8.10)

Bachelor of Technology: CSE-DS, VNR VJIET

2026 – Present

PROJECTS

Quantum State Visualization and Optimization — Qiskit, Python, Streamlit April 2025

- Built a scalable quantum circuit editor and visualizer for 50+ qubits with Bloch-sphere interaction
- Added AI-driven validation, error detection, and real-time optimization with large-qubit visualization

Study Buddy — Collaborative Learning Platform — React 19, TypeScript, Firebase June 2025

- Built a full-stack collaborative learning platform with real-time study rooms, shared notes, group discussions, and live polls
- Integrated productivity tools including a Pomodoro timer, task manager, and quick polling system to improve focus and collaboration
- Implemented interactive features such as video calls, synchronized YouTube watch sessions, and a real-time collaborative whiteboard

HerCraft — UPI Deep Linking, React Native, Express.js, MongoDB, JWT August 2025

- Created a mobile marketplace supporting UPI deep linking, user profiles, and secure JWT auth
- Delivered a platform promoting skill development and community engagement for 100+ early users

TECHNICAL SKILLS

Languages: C/C++, Python, Java, JavaScript, HTML, CSS, SQL

Development: React.js, Node.js, Express.js, Django, MongoDB, Bootstrap, Git, GitHub, RESTful web services

DSA-CP: Proficient in problem-solving using C++

Coursework: Data Structures Algorithms, Object Oriented Programming, Operating System, Database Management System, Computer Networks

Developer Tools: Visual Studio, Postman

ONLINE COURSES & CERTIFICATIONS

- AWS - Cloud Computing (issued by APSSDC)
- SQL (issued by Hackerrank)
- Programming in Modern C++ (issued by NPTEL) – 71%
- CCNAv7: Switching, Routing, and Wireless Essentials (issued by Cisco Networking Academy)

ACHIEVEMENTS

- Top 100 out of 7200+ teams - HackIndia Hackathon 2025
- 1st Place - Web Catalyst Hackathon
- Top 5 Finalist - Innovation & Entrepreneurship Bootcamp (IEMP), Women Empowerment Prototype
- Winner - Design Thinking & Innovation Workshop 2025
- Solved 100+ DSA problems across LeetCode, HackerRank, and other platforms