

Career Summary

Final-year B.Tech Computer Science student with strong foundations in C++, Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, and Computer Networks. Proven track record in full-stack software development, cross-platform mobile frameworks, and database optimization. Experienced in developing scalable software architectures and collaborating in high-stakes national and international hackathons to deliver production-ready software systems.

Technical Skills

- **Programming Languages:** C, C++, Java, JavaScript
- **Core Computer Science:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems (OS), Computer Networks (CN), DBMS
- **Software Development:** Problem Solving, Debugging, Software Architecture, API Integration, Responsive Application Development, MVC
- **Web & Mobile Technologies:** React.js, React Native, Node.js, Express.js, HTML5, CSS3, Tailwind CSS
- **Database & Cloud Systems:** SQL, MongoDB, AWS Cloud Practitioner Essentials
- **Tools & Version Control:** Git, GitHub, Postman, VS Code, Agile Methodologies
- **Soft Skills:** Analytical Thinking, Team Collaboration, Technical Documentation, Communication, Adaptability

Work Experience

- **Software Developer** Gurugram, India
payYantra Innovations Private Limited Present
 - Designing and maintaining high-performance web applications using modern JavaScript frameworks and scalable architecture.
 - Collaborating with cross-functional teams to integrate RESTful APIs, optimize backend database queries, and reduce application load times.
 - Utilizing version control environments (Git/GitHub) to execute clean code refactoring, system debugging, and feature development pipelines.

Projects & Internship

- **Quiet Note** [Live Demo] 2026 — React Native, Tailwind CSS
 - Developed a privacy-focused cross-platform application utilizing React Native to capture, encrypt, and organize structured user behavioral safety metrics.
 - Engineered high-performance workflows for asynchronous tracking, state-driven reflection prompts, and dynamic, context-aware user resources.
- **JalDrishti** [Live Demo] 2025 — AI, GPS, React Native
 - Built an AI-enabled water monitoring dashboard integrating hardware telemetry with real-time GPS-based location validation algorithms.
 - Designed and optimized an offline-first data caching layer to synchronize localized data seamlessly upon re-establishing network connectivity.
- **StudyBuddy Tracker** [Live Demo] 2024 — Web Application
 - Architected a full-stack productivity engine featuring granular task tracking pipelines, threshold-based goal management, and data visualizations.
 - Structured optimized relational workflows to ensure minimal latency during heavy batch operations and state updates.
- **Web Developer Intern – Oasis Infobyte** Aug 2024 – Sept 2024
 - Programmed complex mathematical computation engines using vanilla JavaScript and optimized DOM manipulation logic to maximize runtime execution speed.
 - Built fully responsive UI/UX assets across legacy browsers using fluid HTML5/CSS3 configurations, eliminating cross-device rendering bugs.
 - Enhanced frontend performance through network asset optimization and structural layout refactoring.

Education

- **B.Tech in Computer Science and Engineering** 2023 – 2027
GL Bajaj Group of Institutions, Mathura CGPA: 7.6/10
- **Class XII (CBSE)** 71.2%
- **Class X (CBSE)** 72.2%

Achievements

- **Finalist – Smart India Hackathon (SIH), MOE** 2025
- **Finalist – Yukti Innovation Challenge (MOE)** 2025
- **Finalist – IEEE YESIST12 International Ideathon** 2026
- **Winner – QUBITX National Hackathon (HWI)** 2024

Certifications

- **AWS Cloud Practitioner** Amazon Web Services
- **Machine Learning Technical Suite** Softpro India
- **Advanced Ethical Hacking Workshop** IIT Delhi
- **Enterprise Web Development** Infosys