

Nishi Sharma

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LinkedIn | LeetCode | GitHub | HackerRank | Portfolio | GFG

Education

- **IGDTUW - Mechanical and Automation Engineering** **2026** CGPA: 8.28
- **ICH Kunda Pratapgarh - 12th** **2020** Percentage: 77%
- **ICH Kunda Pratapgarh - 10th** **2018** Percentage: 85.8%

COURSEWORK / SKILLS

Data Structures & Algorithms	Operating Systems	Computer Networks	DBMS
OOPS Concepts	Web Development		

Technical Skills

- **Languages:** C, C++, Java
- **Frontend:** HTML, CSS, JavaScript, React
- **Backend:** Node.js, Spring Boot, JWT
- **Databases:** MySQL, Oracle
- **Tools & Software:** Apache Tomcat, STS, Maven, Fusion, MS Excel, MS Word, Canva
- **AI/ML:** Basics of Machine Learning Algorithms, Data Preprocessing

Work Experience

Software Engineer Intern, Celebal Technologies

[Link](#)

- Developed responsive web applications using React.js and Spring Boot, improving task load time by **30%**.
- Created a To-Do List app with real-time Firebase integration, enhancing productivity and reducing sync delays by **40%**.
- Implemented secure user authentication and dynamic UI rendering, leading to a smoother user experience.
- Integrated RESTful APIs and deployed apps, achieving **100% uptime** during testing and demo sessions.
- Collaborated closely in Agile sprints, meeting **100% of project deadlines** and received positive feedback from mentors.

Projects

MyAI Trip Planner

[Link](#)

Built an AI-powered trip planner with React, Firebase, Gemini AI, and Google Maps API. Reduced manual planning time by **70%** through AI-generated itineraries and packing lists. Integrated real-time database and user authentication, boosting engagement with secure access. Used Google Maps API to dynamically suggest routes and destinations based on user geolocation. **Live Demo:** [Demo](#)

Task Management

[Link](#)

- Developed a full-stack task management system using React.js and Spring Boot.
- Implemented JWT-based authentication and role-based access control, improving data security by **60%**.
- Created RESTful APIs with Spring Boot and MySQL, reducing backend response time by **25%**.
- Ensured high frontend responsiveness using React Hooks and Context API.

Hackathons

Cake Shop

[Link](#)

- Team project with 4 members.
- **Role:** Responsible for frontend development and UI design.
- **User Interface:** Designed and developed a user-friendly and responsive UI using React.js.
- **Frontend Stack:** Utilized modern React.js practices with clean, modular code.
- **User Experience:** Focused on creating an intuitive shopping experience including product display, cart functionality, and order flow.

Leadership & Mentorship

DSA Mentor, GDG On Campus Technical Team

[Link](#)

- Mentored over **200+ students** in Data Structures and Algorithms (DSA).
- Conducted weekly problem-solving sessions, improving average student problem-solving scores by **35%**.
- Selected as 1 of only 7 students for the role, recognizing strong leadership and technical skills.
- Organized coding contests and hackathons with **100+ participants**, receiving positive feedback.

Contributor and Collaborator, Snowscript Open Source Repository

- Merged pull requests and assigned tasks to students, ensuring adherence to code quality standards.
- Guided contributors in the open-source development workflow, emphasizing best software engineering practices.

Certifications

- **HackerRank Medium Problem Solving Certificate** [Link](#)
- **Graph Programming Camp** [Link](#)
- **GeeksforGeeks Certificate (GFG)** [Link](#)
- **Java Programming Certificate - Udemy** [Link](#)
- **3rd Rank in Programming Contest** [Link](#)
- **SQL using MySQL and Database Design Certificate** [Link](#)
- **Data Structures and Algorithms (DSA) Certificate - Udemy** [Link](#)