Nishi Sharma

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LinkedIn | LeetCode | GitHub | HackerRank | Portfolio | GFG

Education

• **IGDTUW - Mechanical and Automation Engineering**	**2026**	CGPA: 8.20
• **ICH Kunda Pratapgarh - 12th**	**2020**	Percentage: 77%
• **ICH Kunda Pratapgarh - 10th**	**2018**	Percentage: 84%

Technical Skills

- **Languages:** C, C++, Python, Java
- **Software Tools:** Fusion, MS Excel, MS Word, Canva
- **Web Technologies:** HTML, CSS, JavaScript, Firebase, React
- **Frameworks & Tools:** Spring Boot, JWT, STS, Maven, Apache Tomcat
- **Databases:** MySQL, Oracle
- **AI/ML:** Basics of Machine Learning Algorithms, Data Preprocessing
- **Mechanical Engineering Subjects:** Strength of Materials, Theory of Machines, Production Technology, Machine Drawing, Thermodynamics, Fluid Mechanics, Heat Transfer, Manufacturing Processes

Soft Skills

- Communication, Problem-Solving, Analytical Thinking, Proactive Learning, Adaptability, Leadership, Teamwork, Strategic Thinking.

Work Experience

Web Development Intern *Link*

- Analyzed website performance metrics to enhance user experience and engagement.
- Developed and deployed web applications using HTML, CSS, JavaScript, and Firebase.
- Implemented real-time data synchronization and user authentication as a Software Engineer intern.
- Collaborated with cross-functional teams to optimize product placement strategies.

Projects

Task Management Web App *Link*

- Created a task management app with React front-end and Spring Boot back-end.
- Integrated REST APIs for task CRUD operations and user authentication.
- Focused on engineering a high-performance solution with optimized UI for seamless user experience.

Spam Mail Detection System *Link*

- Developed a spam mail detection system using Python and machine learning.
- Trained the model on a dataset using Naive Bayes and SVM algorithms.
- Conducted detailed analysis of model performance to improve accuracy.

Hackathons

GFG Hackathon *Link* (2024)

- Designed a weather app using HTML, CSS, JavaScript, and Weather API.
- Delivered a functional prototype within 48 hours, integrating location-based APIs for real-time updates.
- Demonstrated abilities as a software engineer in rapid prototyping under time constraints.

Leadership & Mentorship

DSA Mentor, GDG On Campus Technical Team 2024 – Present

- Provided mentorship to over 200 students in Data Structures and Algorithms (DSA).
- Selected as one of only seven students for the prestigious role of DSA mentor.
- Led workshops and organized hackathons to enhance coding skills and algorithmic problem-solving abilities.
- Evaluated learning outcomes and ensured skill improvements, emphasizing engineering principles.

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*