Mansi Garg

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SUMMARY

Computer Science student with hands-on experience in full-stack development using Node.js, Express.js, and MongoDB. Skilled in designing REST APIs, developing responsive web interfaces, and using Git-based workflows. Strong foundation in OOP and SDLC, with interest in scalable backend systems and agile collaboration.

SKILLS

Languages: Java, Python, JavaScript, HTML, CSS
Frameworks/Tools: Node.js, Express.js, Git, GitHub, Postman
Databases: MongoDB, MySQL
DevOps & Cloud: Docker (Beginner), AWS (Basic), GCP (Basic), Jenkins (Basic)
Concepts: REST APIs, OOP, JSON, Agile, SDLC

PROJECTS

DIABETES PREDICTION SYSTEM

TECHNOLOGIES|HTML, CSS, JavaScript, Python, Numpy, Matplotlib

- Built a responsive form-style health analysis app using Python and web technologies.
- Visualized user input data using NumPy and Matplotlib.
- Delivered basic medical suggestions without using ML for simplicity.

GIRLSTORE SHOPPING WEBSITE

TECHNOLOGIES|HTML, CSS, JavaScript, Node.js, Express.js

- Developed and designed a dynamic shopping website, implementing key e-commerce features including product browsing, shopping cart, and secure user authentication.
- Features include product browsing, add-to-cart functionality, and user account management (sign-up/login) for real-time experience.

RESEARCH PAPER PUBLICATION

"STUDY OF THE INTERSECTION BETWEEN USABILITY AND SECURITY IN MODERN ONLINE APPLICATIONS"

- Published a research paper exploring the balance between security measures and user experience inonline applications.
- Conducted in-depth analysis of authentication techniques, usability principles,and user behavior, proposing solutions to optimize both security and user experience in web applications

INTERNSHIPS

Web Development Intern | CodSoft

- Developed and improved frontend components using HTML, CSS, JavaScript.
- Enhanced UI responsiveness and optimized visual elements.

Power BI Intern | Celebal Technologies : Created dashboards and reports using Power BI.

- Performed data modeling and wrote DAX formulas to derive business insights.

EDUCATION

SRM UNIVERSITY, SONEPAT
B.TECH COMPUTER SCIENCE -2026
CGPA 8.16/10 (81.6%)

CERTIFICATES

Completion Certificate|**MERNSTACK Development** | Apna College

Web Development Internship Certificate|for completing all the tasks on time | Codsoft

Research Paper Publication Certificate|"Study of the Intersection between Usability and Security in Modern Online Applications."

Postman API Fundamentals Student Expert Issued by Postman|April2025

INTERESTS

- Learning New Things
- Travel and Exploring Cultures
- Photography

Soft Skills

- Analytical Thinking
- Agile Collaboration
- Communication (Verbal & Written)
- Client Understanding
- Adaptability
- Time Management

LINKS

Github: https://github.com/Mansi-444
LinkedIn:https://www.linkedin.com/in/mansi-8aa830302/