MAUSAM LODHI

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Portfolio: Personal Website

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EDUCATION

Dr. Sir Hari Singh Gour University   SAGAR, India
Bachelor of Engineering (CSE)   **June 2022 - PRESENT**
Noble Public school   DEORI, India
Higher Secondary Education (X , XII)   **June 2020 – APRIL 2022**

SKILLS SUMMARY

- **Languages**:   Python, C, C++, JAVA, JAVASCRIPT, TYPESCRIPT, SQL
- **Frontend:**   React.js, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend:**   Node.js, Express.js, RESTful APIs, GraphQL
- **Databases:**   MongoDB, MySQL, PostgreSQL
- **Tools & IDEs**:   Visual Studio Code ,Notepad++ , WebStorm, Figma, Uizard
- **Cloud & DevOps:**   AWS (S3, Lambda, EC2), Docker, Vercel, Netlify, Cloudinary
- **Version Control:**   Git, GitHub, GitLab, Jenkins
- **Testing Debugging:** Jest, Cypress, Postman
- **Soft Skills**:   Time Management, Project Management, Excellent communication, Collaboration & Teamwork

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WORK EXPERIENCE

CyberDairy Solutions Pvt. Ltd. | Full - Stack Developer Intern | LINK   **January 2024- January 2025**

- **Developed and deployed** a fully responsive personal portfolio using the **MERN stack**, showcasing projects, skills, and experience.
- Designed and optimized **frontend & backend architectures**, ensuring **30% faster load times** and seamless user interactions.
- Implemented **secure authentication & API integration**, enhancing data protection and system reliability.
- Collaborated with **cross-functional teams** to define project requirements, aligning technical solutions with business needs.
- Debugged and resolved **50+ issues**, improving code efficiency and application performance.
- Applied **industry best practices** for scalable, secure, and maintainable software development, gaining hands-on experience with **Git, CI/CD, and cloud deployment (Vercel, Render)**.

PROJECTS

IoET PhotoGallery | LINK   **November 2024**

- Developed and deployed a **Photo Gallery Website** for the **Institute of Engineering and Technology (IoET), DHSGSU**, using the **MERN stack**, enhancing accessibility and event documentation.
- Implemented **secure authentication** with JWT, ensuring **100% data protection** for user accounts and media content.
- Designed and optimized **dynamic media display**, enabling seamless image and video uploads, improving user engagement by **40%**.
- Integrated **like and comment functionalities**, increasing **user interaction and content engagement by 25%**.

Personal Portfolio | LINK   **April 2024**

- **Developed and deployed** a fully responsive personal portfolio using the **MERN stack**, showcasing projects, skills, and experience.
- **Optimized website performance**, reducing **load time by 35%**, and implemented **SEO best practices** to enhance visibility.
- **Integrated a secure contact form** using **Nodemailer**, enabling direct communication with visitors.
- **Deployed using Render and GitHub Actions**, ensuring **continuous integration, smooth updates, and reliable hosting**.

CERTIFICATES

Build Dynamic User Interfaces (UI) for Websites (Google) | CERTIFICATE   **January 2024**

- **Learned modern UI/UX principles** to build **responsive web interfaces** with HTML, CSS, and JavaScript.
- **Developed interactive components**, improving **user engagement and accessibility**.

Microsoft UX Design Professional Certificate (Microsoft) | CERTIFICATE   **January 2024**

- **Mastered advanced UX principles** through Microsoft training.
- **Designed user-centric interfaces** that enhance accessibility and engagement.

Microsoft Full Stack Developer Professional Certificate (Microsoft) | CERTIFICATE   **January 2024**

- **Gained expertise in full-stack development**, covering **frontend, backend, databases, and deployment**.
- **Built and deployed scalable web applications** using **modern frameworks and best practices**.