Khushi Maheshwari

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EXPERIENCE

Software Engineer Trainee | Consort Digital   *October 2025 - Present*

- **Tech Stack:** HTML, CSS, Javascript, React.js, Node.js, Docker, Kubernetes and MySQL.
- Implemented a robust **registration module** with optimized server-side logic, achieving a **25%** reduction in registration errors for **mission-critical communications**.
- Developed and maintained the **CMS module**, reducing server response time by **35%** through effective caching strategies and optimized database queries.

Tech Intern | Sunstone   *August 2025 - September 2025*

- **Tech Stack:** HTML, CSS, SCSS, JavaScript, Python and AI.
- Coordinated a **topic-wise framework for Sunstone LMS** with a scalable structure and **Sunstone FORMA, OCR and AI Grading** , reducing workload by **55%**.
- Enhanced **Sunstone Moodle** frontend layout and transitioned **CodeRunner to Virtual Programming Lab (VPL)**

PROJECTS

Lab360° *Github Link Deployed Link*   *September 2025 - Present*

- Architected a **full-stack university lab management platform** with QR/Barcode-based asset tracking and issue raising, lab scheduling, experiment mapping, and automated technician and faculty credentialing via institutional emails.
- Created **role-based dashboards** (Admin, Faculty, Technician) using **Next.js, NextAuth.js and MongoDB**, integrating AI-driven analytics for predictive maintenance and depreciation tracking through interactive data visualizations.

Fluentia - Find Your Flow *Github Link Deployed Link*   *June 2025 - August 2025*

- Built a **modern communication platform** integrating real-time messaging, high-quality video calls, and community features using **MERN Stack and Stream API** for seamless performance.
- Implemented secure data handling, ensuring scalability for **group calls, AI chat partners, and gamification features**.

HealingNeuro - A Depression Monitoring System *Github Link Demo Video*   *May 2024 - December 2024*

- Developed a responsive AI-powered **web application** and **Chrome Extension** using **HTML, CSS, JavaScript, Node.js, Express.js, Flask, and SQLite**, achieving **91%** predictive accuracy with ML and DL models.
- Engineered **REST APIs**, **JWT**, **OAuth** and implemented **AI-based suggestions** of activities using **Deepseek R1 API.**

SKILLS

Languages: Java, Python, JavaScript
Technologies: HTML, CSS, Tailwind CSS, Flask, RESTful APIs, Machine Learning, AI
Frameworks: React, Next.js, Node.js, Express.js
Tools: SQL, MySQL, MongoDB, AWS, Docker, Kubernetes
Development Skills: Data Structures and Algorithms, OOPS, DBMS, Version Control (Git / Github)
Soft Skills: Adaptability, Critical Thinking, Team Management, Communication, Problem Solving, Debugging

EDUCATION

- **Bachelor of Technology in Computer Science and Engineering (AI and ML)**   *July 2022 - July 2026*
K.R. Mangalam University, Haryana   CGPA: 8.86

POSITIONS OF RESPONSIBILITY

- **Lead Organizer:** Workshop on "**Virtual Labs**", an initiative by the Govt. of India, Ministry of Education.
- **Event Coordinator:** A 5-day long event "**AARAMBH**" Freshman Orientation/Induction Program 2023.

ACADEMIC AND EXTRACURRICULAR ACHIEVEMENTS

- **Winner** Geekathon, a hackathon organized by Geekrooms.
- **Top finalist** at Hack5.0 (NIT Hamirpur), Hacknovate 5.0(ABESIT), HackKRMU, MindBenders(K.R. Mangalam)