

Kushagra Bhardwaj

B.Tech CSE Student — Aspiring Software Engineer — MERN — AI/ML

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Summary

Computer Science Engineering undergrad passionate about programming, web technologies, and AI. Specialized in the MERN Stack with hands-on experience building full-stack, AI-integrated, and automation-based projects. Currently exploring LLMs, 3D interaction, and intelligent assistant development.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java
Frontend: React.js, Next.js, Tailwind CSS, HTML5, CSS3
Backend: Node.js, Express.js, Flask
Database: MongoDB
Mobile: React Native

AI / ML: LangChain, LLMs
Tools: Git, GitHub, Postman
Soft Skills: Project Management, UI/UX, Team Collaboration

Experience

Freelancer – MERN Stack Developer

ECL Parcel

Jan 2025 – Mar 2025 — Remote

- Built a fully functional logistics website for ECL Parcel Logistics with API integration and live tracking.
- Designed and optimized responsive UI using React.js and Tailwind CSS, enhancing user experience and load speed.
- Deployed and tested website ensuring stable performance under 1k+ daily users and reduced production load time.

Project: Artistry – AI-Powered Interior Design Platform

Jul 2024 – Present — Remote

- Developing a full-stack AI interior design platform that transforms real room photos into professional-ready visualizations, reducing manual design effort.
- Built a microservices architecture using React (frontend) and FastAPI (backend) and Integrated multiple state-of-the-art models.

Projects

Nexa – AI Assistant

- Developing an AI-powered virtual assistant with real-time conversational intelligence, emotion adaptation, and memory-based dialogue, supporting multi-turn conversations.
- Implemented an LLM-based emotional system for adaptive responses, improving dialogue realism on user feedback.

Python Scripts Collection – Automation and Utilities

- Developed a collection of lightweight Python scripts for system optimization and automation, cutting repetitive manual tasks.
- Created tools like PySysCleaner (system cache cleaner), file sorter, and log analyzer, increasing developer productivity.

Personal Portfolio Website

- Built a fully responsive personal portfolio using React and Tailwind CSS to showcase projects, skills, and experience. Implemented smooth UI/UX, reusable components, and GitHub integration for live project previews.

Education

K.R. Mangalam University, Gurgaon

Bachelor of Technology – Computer Science and Engineering

Aug 2024 – Present

RBSM Public School

Intermediate Education (12th Grade, Science Non-Medical)

Apr 2023 – Mar 2024

Languages

- English – Fluent
- Hindi – Native