Krish Jain

Bachelor of Technology in Computer Science
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LinkedIn   **Personal Portfolio**   **Github**

PROFESSIONAL SUMMARY

Computer Science **undergraduate** with strong proficiency in full-stack development using the MERN stack, having built **12+ full-fledged MERN projects** and well-versed in Next.js for server-side rendering and performance optimization. Skilled in developing scalable web applications, integrating cloud-based solutions, and writing clean, modular code. Demonstrated ability to solve complex problems, with over 150+ questions solved on LeetCode. Experienced in working with modern development tools, version control systems, and responsive UI design principles. Adept at collaborating in technical teams, following agile practices, and continuously learning new technologies. Currently focused on backend architecture, cloud infrastructure, and efficient data handling for production-level applications.

SKILLS

- Javascript
- HTML CSS
- Database: MySQL, MongoDB
- Programming in Python and Java
- DSA (LeetCode 150+)
- Amazon Web Services
- React

PERSONAL DETAILS

Date of Birth: 07/10/2004   Nationality: Indian   Gender: Male

WORK HISTORY

1. **MERN Stack Developer, 08/2025 – Present**
   Southern Command – Indian Army (Remote)

- Designing and developing full-stack web applications from scratch using the MERN stack (MongoDB, Express, React, Node.js).
- Building secure, scalable, and user-friendly solutions tailored to the Indian Army's operational requirements.
- Leading end-to-end development including UI/UX design, API integration, and database architecture.
- Collaborating with Army personnel to gather requirements and deliver production-ready systems.
- Exploring and implementing AI-driven features such as intelligent data processing and automation tools.

2. **Software Engineer Intern, 06/2025 – 08/2025**
   Internship
   ***Indian Army** – Mhow, India* **(ON-SITE)**

- Working on the development of a secure, scalable cloud-based platform tailored for the Indian Army's internal operations.
- Building the platform from the ground up using the MERN stack, with a strong focus on performance, usability, and security.
- Collaborating with military personnel to understand operational requirements and translate them into full-stack features.
- Exploring modern cloud technologies and deployment practices to ensure high availability and reliability.
- Gaining hands-on experience in real-world problem-solving, cloud architecture, and full-stack development in a mission-critical environment.

EDUCATION

1) Bachelor of Technology in Computer Science: Computer Science, Expected in 05/2027
   Bennett University - Greater Noida, India

2) Higher Secondary Education: Physics, Chemistry, Maths, 03/2023
   Rockwoods High School - Udaipur, India

CERTIFICATIONS

1) [Coursera:](#) Programming using C++, 09/2024
2) [Coursera:](#) IBM Web Development, 10/2024
3) [Coursera:](#) Data Structures, 11/2024
4) [Coursera:](#) Fundamentals of Network Communication, 01/2025
5) [Coursera:](#) Peer To Peer Protocols and Local Area Networks, 04/2025

6) [Coursera:](#) OS & You : Google, 04/2025
7) [Coursera:](#) Algorithmic Toolbox, 04/2025
8) [Coursera:](#) Introduction to MongoDB, 07/2025
9) [Coursera:](#) AWS Cloud Technical Essentials, 08/2025

PROJECTS

1. **EcoSort – Waste Classification App**
   Stack: React, Python, MongoDB
   Designed and built an AI-powered waste detection web app with camera and file input for smart disposal guidance.
   Key Features: Custom-trained AI model for waste analysis, image/file upload with drag-and-drop, user points system, and MongoDB-powered community chat feature.

2. **ShopSphere – Full-Stack E-commerce Platform**

- **Stack**: React, Express.js, MongoDB
- **Description**: Built a fully functional, responsive e-commerce website with complete product management, shopping cart, and checkout functionality.
- **Key Features**:
    - Admin dashboard for product/user management and order tracking.
    - Clean, Decathlon-inspired UI with filters, grid/list views, and demo login.
    - Innovative **"Smart Restock Prompt"** that flags low-stock products based on demand trends (mock logic).

3. **Private Cloud Storage System(Network Based)**
- **Stack**: Next.js, Node.js, Express, MongoDB, AES-256 Encryption, Local Storage
- **Description**: Developed a secure, self-hosted cloud storage platform as a lightweight alternative to Google Drive, optimized for personal and academic use.
- **Highlights:**
    - Admins can dynamically assign and modify individual user storage limits.
    - Full authentication and admin dashboard for user management and access control.
    - Implemented AES-256 encryption and decryption for secure file storage and retrieval.
    - Scalable backend with clean REST APIs for file handling and real-time upload tracking.