

Hassan Mirza

BCA Student | Full-Stack Developer
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PROFILE

BCA student and aspiring software engineer with a systems-first approach to web development. Focused on building clean, maintainable, and scalable applications with an emphasis on backend logic and intentional user interfaces. Comfortable working across the full stack using JavaScript and Python, with growing experience in DevOps fundamentals and production-oriented workflows.

SKILLS

Languages: JavaScript, Python, C, C++

Web & Backend: React, Node.js, Express.js, REST APIs, JWT Authentication

Databases: MongoDB, MySQL

DevOps & Systems (Foundational): Linux, Docker, Git & GitHub, Cloud Deployment (Vercel)

Tools & Craft: Postman, Figma, Shell Scripting (Basic), Technical Writing

PROJECTS

E-Commerce Platform (MERN Stack)

- Built a full-stack e-commerce application with authentication, product management, and order workflows.
- Designed RESTful APIs and connected frontend state with backend services.
- Emphasized clean routing, modular architecture, and scalability.

Tech: MongoDB, Express.js, React, Node.js

FetchX — Minimal System Information Tool

- Developed a lightweight, dependency-minimal CLI tool for displaying system information on Linux.
- Focused on fast execution, clean output, and extensibility.

Tech: Python, Linux

Personal Finance Management Web Application

- Built a web application for tracking income, expenses, and basic financial insights.
- Implemented secure authentication and CRUD operations for financial data.
- Designed a distraction-free interface emphasizing usability and clarity.

Tech: React, Node.js, Express.js, MongoDB

Resumex — Structured Resume Builder

- Designed and built a resume editor prioritizing information hierarchy and readability over visual templates.
- Implemented predictable data flow, reusable components, and a minimal UI focused on content clarity.
- Deployed publicly with performance and reliability as primary concerns.

Tech: React, Vite, JavaScript, CSS, Vercel

EDUCATION

Bachelor of Computer Applications (BCA)

Integral University, Lucknow — 2023–Present

CERTIFICATIONS

- The Complete Python Bootcamp — Udemy
- Linux Mastery Course — Udemy