

Om Kumar

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Career Objective

A Computer Science Engineering student with a strong foundation in programming, data structures, and object-oriented concepts. Seeking a challenging software development role to apply hands-on experience in full-stack development, mobile development, and machine learning to build scalable and efficient solutions. Eager to learn, adapt, and contribute to new technologies and project needs.

Education

Chandigarh University, Mohali, India | Expected 2026

B.E. in Computer Science Engineering (Big Data Analytics)

CGPA: 7.38 / 10 (till 7th Semester)

DAV Public School, Jharkhand, India | 2019 – 2021

12th – 80.83% | 10th – 84.67%

Key Projects

AI-Powered Conversational Mobile App – React Native, LLM API, AsyncStorage (Freelance, 2023)

- Developed a cross-platform mobile application using React Native, integrating an AI chatbot for interactive conversation.
- Analyzed user feedback and optimized response coherence for three distinct AI personas.
- Enhanced UX by ensuring logical, helpful responses and seamless mobile performance.

File Analysis & AI Query System – Python, Streamlit, LangChain (Freelance, 2024)

- Built Developed a system to query complex PDF data using natural language processing(NLP)
- Implemented an interactive user interface using Streamlit for data querying and visualization
- Gained hands-on experience with Generative AI tools and concepts, including RAG (Retrieval-Augmented Generation) systems and vector databases for information retrieval.

Full-Stack E-Commerce & Booking Platform - React, Firebase, Vercel (Personal, 2025)

- Built and deployed a full-stack web application for online product booking and cash-on-delivery payments, directly aligning with modern JavaScript framework experience.
- Integrated Google authentication, real-time database operations with Firebase, and a responsive UI.
- Deployed on Vercel for live testing and gained experience in end-to-end frontend-backend integration.

Live Demo: moonz-nail-store.vercel.app

Technical Skills

Languages & Databases: Python, C/C++, MySQL

Core Competencies: Data Structures, Algorithms, OOP's, Machine Learning, Data Analysis, Problem Solving

Frameworks & Libraries: React, React Native, Pandas, NumPy, Streamlit, Langchain

Tools & DevOps: Git, GitHub, Firebase, Vercel

Certifications

- **AI Fundamentals** (Academic Certification, Chandigarh University, 2024)

- **HackerRank Skill Certificate:** SQL (Intermediate), Problem Solving (Intermediate), 2025