

Ishika Kochhar

Technology enthusiast committed to developing scalable, data-driven solutions that create measurable real-world impact.

 Ishikakochhar  Ishika Kochhar  kochharishika@gmail.com  7011829682

EXPERIENCE

JSIMPLE TECHNOFT | BUSINESS ANALYST

April 2026 – Present | Noida

- Designed AI bot architectures and orchestrated LLM workflows. Automated business processes, optimized CRM features, and managed technical product demonstration.

EY (ERNST & YOUNG) | TECH INTERN

June 2025 – August 2025 | India

- Developed an open-source document search system for efficient content and metadata retrieval and researched project management tools to analyze organizational needs and recommend suitable solutions for the Technology Research team.

WEBMOBRIL TECHNOLOGIES PVT. LTD | APP DEVELOPMENT INTERN

June 2024 – July 2024 | Noida

- Built scalable cross-platform mobile apps (dating, fitness, education) using Flutter and Firebase.

PROJECTS

TECHNICAL PROJECTS

- **Library Management System** | Flask, Python, HTML, SQLite
 - Built a comprehensive system for the university library featuring locker token generation and cabin booking. Integrated automated email delivery for OTP verification and user notifications.
- **Interview Buddy (Agentic AI)** | CrewAI, MCP, Python, SerpAPI, Google ADK
 - Developed an automated pre-interview screening bot to streamline candidate shortlisting for recruiters. Orchestrated 19 AI agents across 5 crews to dynamically research roles, verify applicant experience, and conduct preliminary technical rounds, integrating 3 MCP servers and a custom GUI.
- **Transformer-Based AMP Prediction** | DL, Transformers, ESM-2
 - Co-authored a research paper evaluating DL architectures for Antimicrobial Peptide prediction, achieving 91.92% accuracy.
- **Travel & Tourism AI Ecosystem** | NLP, Flutter, DL, GEN AI, AI/ML
 - Developed an AI-powered smart tourism platform featuring AI monument recognition, real-time SOS tracking, and travel recommendations.
- **Personality Trait Prediction** | Computer Vision, DL, TensorFlow, python
 - Engineered a multi-modal deep learning model to predict “Big Five” personality traits from interview videos and generate AI candidate summaries.

EXTRACURRICULAR

- President – BMU Robotics Club (Aug 2024 – May 2025)
- Placement Committee Ambassador – School of Engineering

SKILLS

PROGRAMMING

Proficient:

Python • SQL • Dart

Experienced:

Flutter • HTML/CSS

Familiar:

Deep Learning • AI/ML

FRAMEWORKS/TOOLS

Flask • TensorFlow • Keras
CrewAI • Streamlit • Firebase
Git • Cloudflare • Canva

EDUCATION

BML MUNJAL UNIV.

B.TECH IN CSE

2022 - Present

INDIRAPURAM PUBLIC

12TH PCM

April 2020 | 86%

ACHIEVEMENTS

- Finalist – Eureka (IIT Bombay)
- Winner – NIIT Univ. Startup Summit
- 1st Runner-up – Ideathon
- Winner – SIH 2023,2024 (Internal)

INTEREST/HOBBIES

- Orator
- Software Development
- Gen AI