# CHINMAY KERIPALE

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Profile Summary

Innovative and adaptive AI & ML Engineer with experience in software development and applied machine learning. Skilled in problem-solving, collaboration, and delivering scalable solutions with measurable impact.

Technical Skills

Languages: C, C++, Java (Intermediate), Python, Machine Learning, HTML/CSS, SQL, NLP
Developer Tools: Git, GitHub, VS Code, Google Colab, Spring Tool Suite 4, Jupyter Notebook
Technologies/Frameworks: Linux, MySQL, Prompts
Coursework: Machine Learning, Data Structures & Algorithms, OOPs, DBMS
Strengths: Leadership, Teamwork, Curiosity to Learn, Communication, Creativity, Adaptability

Experience

AICTE: Google AI-ML Virtual Internship

- Built ML models for preprocessing and training, improving classification accuracy by **12%**.

AICTE: AWS Cloud Virtual Internship

- Deployed applications on AWS with security and scalability best practices, reducing deployment time by **30%**.

Projects

Online Dairy Management System (HTML/CSS/JavaScript)

- Automated milk collection and inventory tracking, reducing manual work by **40%**.
- Integrated MySQL backend for real-time data management.

Book Recommendation System (Python)

- Implemented ML-based personalized recommendations, boosting relevance by **25%**.

AI Flashcard Generator for Insight Extraction (Python/NLP/Streamlit/OCR)

- Generated concise flashcards from text/images with OCR and TTS, cutting study time by **30%**.
- Developed NLP pipeline for summarization and keyword extraction.

Ongoing: Restaurant/Café Website

Education

DKTE, Ichalkaranji	*Nov 2022 – May 2026*
B.Tech in Computer Science (AI-ML)	Ichalkaranji, Maharashtra
JKV and ANN Jr. College, Jaysingpur	*June 2020 – May 2022*
HSC Board	Jaysingpur, Maharashtra
Alphonsa School, Yadrav	*June 2019 – May 2020*
SSC Board	Ichalkaranji, Maharashtra

Leadership & Extracurricular

- Vice-President — AISA, DKTE (Aug 2024 – Aug 2025)
- Team Leader in Mini-Projects & Ideathon 2022

Achievements

- Winner — Ideathon 2022 (DKTE)
- Runner-up — Internal Hackathon for Smart India Hackathon 2024
- NPTEL Programming in Java (Certified)
- Developed website for TECH SYMPOSIUM 2K25 — DKTE