

Kamal

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SUMMARY

Enthusiastic MCA student with hands-on experience in C++, Python, Java, and full-stack development. Proven success in machine learning, cloud platforms (Google Cloud GenAI), and building 25+ real-world applications with measurable outcomes. Passionate about scalable tech solutions that solve real-world problems efficiently.

EXPERIENCE

- Data Science | Intern | *Unified Mentor* | Virtual | [Link](#)** August 2024 - October 2024
- Built and deployed supervised and ensemble ML models using scikit-learn and pandas, achieving 95%+ accuracy on multiple datasets.
 - Improved decision-making efficiency by 30% in mock business environments.
 - Completed 5+** classification and prediction projects with a strong focus on precision, scalability, and practical impact.
- Google Cloud GenAI | Intern | *AICTE EduSkill* | Virtual | [Link](#)** July 2024 - September 2024
- Engineered and deployed 20+ GenAI applications using Prompt Engineering, Google Vertex AI, and Transformer models to solve diverse real-world problems, including content generation, summarization, and intelligent search.
 - Built and integrated a Gemini-powered chatbot for real-time PDF extraction and contextual question-answering, enhancing user engagement and reducing manual document analysis time by over 60%.

PROJECTS

- CaringBridge FullStack Web App | [Link](#) | HTML, TailwindCSS, JS, React, Nodejs** January 2024 - April 2025
- It was noted that **70% of students** experience confusion and misinformation throughout the engineering admission process in the **Delhi NCR region**.
 - I led the creation of a responsive **mentorship platform** that incorporated secure **chat features**, enabling over **1,000 doubt** resolution sessions within the **first quarter**.
 - As a **result**, we achieved an **80–90% reduction** in admission-related inquiries among early users, as indicated by feedback and surveys.
 - Implemented** secure **authentication** and **data storage** using Mongoose (**MongoDB**), ensuring robust **user management** and **session tracking**.
- GuardianGo Android App | [Link](#) | Java, XML, Appwrite, Android Studio** July 2024 - September 2024
- Developed** a **real-time Android application** focused on group safety, facilitating live **GPS** synchronization for over **50+ users** and enabling **SOS alerts** to more than **10 pre-saved contacts**, resulting in a **70% improvement** in response times during **mock drills**.
 - Utilized **Appwrite** for seamless **real-time DB synchronization**, **user auth**, and support for over **5+ user sessions**.

EDUCATION

- Galgotias University(GU)** Greater Noida, UP, India
Master of Computer Application - CGPA: 6.86 August 2023 - Present
- Mahatma Jyotiba Phule Rohilkhand University** Bareilly, UP, India
Bachelor of Computer Application - Percentage: 68% July 2018 - November 2021

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, PHP
Web/Mobile: HTML, JavaScript, React, CSS, Android Studio, Restful APIs, Nodejs, Redux, Firebase, JWT, ES6+
Cloud & Tools: GCP, AWS, Git, Docker, CI/CD
Databases: MySQL, MongoDB, SQLite, PostgreSQL.
Core Concepts: DSA, OOP, OS, CN, ML

CERTIFICATIONS / ACHIEVEMENTS

- Meta Hacker Cup 2024** [Link](#) – Advanced to Round 1 (Top 11% of 11,500+ participants)
- Big Data & Computing** [Link](#) – IIT Kanpur (Covered **Hadoop**, **Spark**, performance optimization)

PUBLICATION / RESEARCH PAPER

- HoloControl : Hand Guesture System Using OpenCV - Presented At: ICRA 2025, New Delhi (ARSSS)**