

Komal Saraf

Kolkata ,700048 | +91 7439766518
Email- komalsaraf04@gmail.com

SKILLS:

- **Programming languages** : Python, Java, C++, HTML, CSS, JavaScript, React.js, Node.js, MySQL.
 - Problem-solving, Data Structure and Algorithms, Object-oriented Programming, Machine learning algorithms, Natural Language Processing, Web development, App development, UI/UX, Operating System, Computer Networking, Database Management System, Prompt Engineering, Content Writing.
 - **Soft Skills**: Leadership, Problem-Solving, Collaboration, Communication, Adaptability, Time Management and Critical Thinking.
 - **Language proficiency**: Fluent in English , Hindi , Bangla , Rajasthani
-

EXPERIENCE:

- Learned Artificial Intelligence as an extra-curricular subject in high school.
 - Course on Generative AI by Google Cloud
 - Member of Google Cloud Career Launchpad Program-APAC 2024
 - Member of National Digital Library of India
 - Member of Computer Society of India
 - **Sign language Detection** Nov 2024-March 2025
Created an application which bridges communication gaps for the hearing-impaired improving accessibility by enabling sign-to-text conversion for over 90% accuracy using machine learning applications.
 - **Heart disease Detection** March 2024 – Jun 2024
Built a healthcare website which predicts heart disease based on patient's physical and medical characteristics by implementing various machine learning algorithms to enhance its accuracy and efficiency by more than 85%.
 - **Desktop Assistant** Oct 2023-Dec 2023
Designed and developed a voice-enabled desktop assistant by integrating Python libraries like Tkinter Graphic User Interface and Speech Recognition to enhance task execution and improve user productivity.
-

EDUCATION:

High School Diploma

Welland Gouldsmith School

ICSE - 86%

Mahadevi Birla Shishu Vihar (Secondary High School)

ISC 2022 - 74%

April 2019 - June 2022

Bachelor of Technology (B.Tech.) - Computer Science

VIT Bhopal University (B.TECH CSE Core)

Cumulative GPA - 7.66

Sep 2022 - June 2026

CERTIFICATIONS:

- C++ gold badge , Hackerrank
- Python , Hackerrank
- Cloud Computing , Swayam NPTEL IIT Kharagpur
- The Bits and Bytes of Computer Networking, Coursera
- Supervised Machine Learning, Stanford University, Coursera
- Certificate of Merit, Flipkart GriD 5.0
- Certificate of Merit, Flipkart Runway Season 4
- Generative AI, IBM