KOMAL SINGH R

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OBJECTIVE

To secure a challenging role in AI/ML or Software Development where I can leverage my problem-solving abilities, proficiency in Python, and foundational knowledge in machine learning to contribute to innovative projects and embrace emerging technologies.

EDUCATION

Bachelor of Engineering in AIML, Jawaharlal Nehru New College of Engineering, Shimoga   Expected 2026
Currently pursuing my bachelor's degree in my third year.

Senior Secondary, BGS Gurukula INDP PU College, Bullapur, Bhadravathi, Shimoga   2020- 2022
Secured 87.66% in PUC

High School, Sri Visweswaraiah ENG Medium High School , Old Town Bhadravathi, Shimoga   2019 - 2020
Secured 90.4% in 10th board

SKILLS

Technical Skills	Python, Machine Learning, Java, C, AI, Kotlin, HTML, CSS, JS.
Soft Skills	Quick learner, Effective Communication, Team player, Ability to Work Under Pressure.
Languages	English, Kannada, Hindi.

PROJECTS

DeepFake Audio Detection Using RNN: Built a deep learning model from scratch using RNN and LSTM to detect deepfake audio from the FoR 2-second dataset. Extracted MFCC features for classification and evaluated performance using a confusion matrix and accuracy graph. Implemented in Python with TensorFlow/Keras and Librosa for audio processing.

SignSpeak: AI-Powered Sign Language Recognition – A deep learning-based system trained on a custom dataset to accurately interpret and recognize sign language gestures. It enhances communication accessibility by enabling real-time translation of sign language into text or speech.

INTERNSHIPS AND CERTIFICATIONS

Full Stack Development Certifiaction-@Infosys SpringBoard.

Java Software Developer Certification – Infosys Foundation Finishing School for Employability**.**

Web Development and Designing Intern-

Completed a 1-month AICTE OIB-SIP internship with Oasis Infobyte, This experience was valuable in strengthening my skills in HTML , CSS , JavaScript during 5th semester.

App Development Intern – currently working as a app development intern in Vitality Digital tech pvt.Ltd company focusing on Kotlin, Andriod Studio.

EXTRA-CURRICULAR ACTIVITIES AND HOBBIES

- ACM Active member(@JJNCEACM Public Relation-Team ,Currently in Website management-Team).
- Secured 3rd place in SHE secure 2025 hackathon, Finalist of BNMIT IBM hackathon, participated in BIET, Fosshack 2024, Foss hack 2025 .
- Singing, Pencil Sketch, Listening to music, Abstract Painting, Playing Outdoor Gamings.