HARSHNEE K S

CONTACT

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EDUCATION

KONGU ENGINEERING COLLEGE

Bachelor of Information Technology
CGPA- **8.88**

BUDS MATRIC HR SEC SCHOOL

Higher Secondary Certificate
PERCENTAGE-**91%**

BUDS MATRIC HR SEC SCHOOL

Secondary School Leaving Certificate
PERCENTAGE-**100 %**

AREA OF INTEREST

- Machine Learning
- Full Stack Development
- UI/UX Design
- DBMS
- Power BI

SKILLS & TOOLS

- HTML ,CSS
- JAVASCRIPT
- MYSQL
- REACT
- EXPRESS
- NODE JS
- GIT
- VS CODE

LANGUAGE KNOWN

- ENGLISH
- KANNAADA

PROFILE

Aspiring full-stack developer passionate about building seamless, efficient web applications. Skilled in modern front-end and back-end tools, committed to continuous learning, clean code, and creating impactful digital solutions.

PROJECT

Real-Time Sign Language Converter

Built using Python and OpenCV, this project translates sign language gestures into text in real time. It leverages computer vision techniques to assist communication for individuals with hearing or speech impairments.

Yoga Pose Guide Web App

Developed a React-based web application to guide users through yoga poses, with timers, streak tracking, daily challenges, mood-based suggestions, a chatbot, and a progress tracker, focusing on usability and a seamless experience

Expense Manager

Created a full stack web application using HTML, CSS, Node.js, and MongoDB to help users track and categorize daily expenses. The app includes backend integration for data persistence and a responsive UI

CERTIFICATION

MongoDB Associate Developer Certification — 4 MAY 2025

Oracle APEX Cloud Developer Certification — 13 MAY 2025

PAPER & PROJECT PRESENTED

- **Smart Hostel Room Allocation System** – Presented at Techno Fest; showcased a web-based hostel allocation system with 3D visualization, roommate preference matching, and block-wise filtering.
- **Depression Detection System** – Presented research paper at KPR Institute on AI-based detection of depression using facial expressions and behavioral analysis.
- **Real-Time Sign Language Converter** – Developed and presented at GCT; a system that translates sign language gestures into text in real time using computer vision to aid communication for individuals with hearing or speech impairments.

ACHIEVEMENTS

- Awarded **Second Prize** in the Image Prompting Competition, AIML Department.
- Recognized as a **Top Team** at the Intra-Department TechnoFest for outstanding project performance.