Jyotika M Kadur

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Objective

Seeking position to utilize my skills and abilities in the information technology industry that offer professional growth while being resourceful, innovative and flexible.

Education

PES Institute of Technology and Management, Shimoga　　　　　**Dec 2022- May 2026**
Bachelor of Engineering in Computer Science, Secured an aggregate of 9.01 CGPA　　　　*Shimoga, Karnataka*

Devika Comp PU Science College　　　　　**June 2020- March 2022**
Pre - University in science(PCMB), Secured 92.5 percentage　　　　*Ranebennur, Karnataka*

Devika English Medium High School　　　　　**June 2018 - April 2020**
SSLC, Secured 86.06 percentage　　　　*Ranebennur, Karnataka*

Internship

ARK Mech Tek Private Limited (Pune)　　　　　**July 2025(15 days)**
Intern　　　　*Pune, India*
- Worked on Real-Time Production Monitoring Dashboard using FastAPI, PostgreSQL, and React technologies.
- Implemented CSV upload feature for machine data and monitored real-time fault alerts (e.g., temperature breaches).

Projects

Virtual Mouse Using Hand Gestures　　　　　**2024**
- Uses OpenCV and MediaPipe to detect hand gestures via webcam.
- Controls mouse actions like move, click, drag, and scroll using gestures.
- Built with Python, enabling hands-free interaction with your computer.

Real-Time Production Monitoring System　　　　　**2025**
- Developed a Real-Time Production Monitoring Dashboard using FastAPI, PostgreSQL, and React.
- Enabled CSV file upload to import machine data and visualize it in a dynamic table.
- Integrated alert logic to detect machine faults based on threshold conditions like high temperature.CNN algorithm to classify human facial expressions.

NBA C4 Report Generator　　　　　**2023**
- Developed a web-based tool to automate the generation of NBA C4 (Course Outcome) reports.
- Integrated forms and data processing to calculate attainment levels based on internal and external marks.
- Exported reports in structured format, reducing manual effort and improving accuracy in NBA documentation.

Technical Skills

Programming Languages: Java, C, Python, HTML/CSS
Database Management: MySQL, PostgreSQL

Certifications and Programming

Cloud Computing Architecture by Great Learning

Front End Development – HTML by Great Learning

Cloud Computing by NPTEL

Cloud Foundations by AWS Academy

Soft Skills

Positive attitude, Time Management, Active Listening, Teamwork, Sports