

YASH KUMAR

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SUMMARY

I'm a third-year B.Tech student majoring in Computer Science and Engineering with a strong focus on data science. I'm eager to explore and master new technologies. My passion lies in leveraging these skills to address real-world challenges.

WORK EXPERIENCE

AICTE-EDUSKILLS [Remote] Android Developer Sep 2023 - Nov 2023 Completed Android development training under Google for Developers through the AICTE-Eduskills program, gaining hands-on experience in building mobile applications using Android Studio, Java, and Kotlin, while mastering best practices in app design and development.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

University of Engineering and Management, Jaipur

Jul 2022 - Present

Current GPA : 8.19

Last Semester GPA : 9.18

PROJECTS

• Library Management System

Description : Developed an online library management system that streamlines book management for both librarians and students, allowing for easy tracking of book inventories, borrowing, and returns. Technologies used : HTML, CSS, PHP, MySQL (for database)

• Face Emotion Recognition

Description : This project involves developing a system that can accurately recognize and categorize human emotions based on facial expressions.
Technologies used : Python, OpenCV, Pandas, NumPy, and deepface.

• Dynamic Traffic Light System

Description : Designed and implemented an intelligent traffic light control system using Raspberry Pi 5 and a custom YOLOv8 object detection model. The system analyzes live video feeds to detect and count vehicles in real time, dynamically optimizing signal timing to reduce congestion and improve traffic flow efficiency.
Technologies used : OpenCV, YoloV8, Raspberry Pi, Roboflow.

ADDITIONAL INFORMATION

- **Skills :** Python, C, HTML, Machine Learning, Artificial Intelligence, CSS, Javascript, PHP, SQL, Pandas, Matplotlib, sci-kit-learn, TensorFlow, PyTorch, Seaborn, GitHub, Data Analytics, Power BI.
- **Certifications :** Python for data science (by NPTEL), Agile Software Development: Extreme Programming (by LinkedIn Learning).