

# HARSHAVARDHAN KOBAKU

## CONTACT

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Portfolio: <https://harshavardhankobaku.github.io/Portfolio/>

Github: <https://github.com/Harshavardhankobaku>

## CAREER OBJECTIVE

Recent graduate with strong coding fundamentals and a desire to learn and grow in the software industry. Proficient in Python, JavaScript, and responsive web design. Looking for an opportunity to gain real-world experience, contribute to team success, and expand technical skillsets.

## SKILLS

- Html
- Css
- Javascript
- Python
- Sql
- Communication

## EDUCATION

**Kmm institute of technology and science | August, 2019 - June, 2023**

B.tech - Computer science and engineering

**Sri Chaitanya junior college | June, 2017 - May, 2019**

Board of Intermediate Education

**Queen Mary's Central School | May, 2017**

Indian Certificate of Secondary Education

## PROJECTS

### Detection of Non-Helmet Riders and Extraction of License Plate Number using YOLOv3 and OCR Method

Technologies Used: Python, YOLOv3, OpenCV, Tesseract OCR

- Built a real-time system to detect motorbike riders not wearing helmets using the YOLOv3 deep learning model.
- Applied Optical Character Recognition (OCR) to extract vehicle license plate numbers from detected images.
- Utilized OpenCV for image/video frame processing and visualization.
- Aimed to improve traffic surveillance and automate law enforcement through AI-driven monitoring.

### Expense Tracker – Python, File Handling

Built a console-based app to record and categorize daily expenses.

- Used file handling to store and read data from a CSV file.
- Calculated total spent, remaining budget, and per-day/month budget.
- Utilized datetime and calendar for dynamic monthly calculations.
- Categories included Food, Home, Work, Fun, Clothes, Misc.

## CERTIFICATION

### Python Complete Course for Python Beginners

udemy

### Artificial intelligence

My captain