

# Ram Madhav Bommaraboyina

Hyderabad, Telangana, India | [GitHub](#) | +91 7032914260 | [b.rammadhav@gmail.com](mailto:b.rammadhav@gmail.com)

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## EDUCATION

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### B.E in Computer Science and Engineering

Neil Gogte Institute of Technology — CGPA: 7.6

### 12th Standard

Sri Chaitanya Junior College — 90%

### 10th Standard (CBSE)

Scored 65%

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## PROJECT

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### ♦ Automated Number Plate Detection and Challan Issuing System

- Built a web app using YOLOv8 and EasyOCR to detect vehicle numbers and issue challans via email.
- Technologies: YOLOv8, Flask, MongoDB, EasyOCR, HTML

### ♦ K - The Voice Assistant

- Developed a GUI voice assistant capable of playing songs, answering questions, opening apps, and play tic-tac-toe.
- Technologies: Tkinter, SpeechRecognition, pyttsx3, Wikipedia

### ♦ Smart Mail Genie

- Built an AI-powered email assistant using Gemini API and LLMs to auto-generate and send emails via Flask-Mail.
- Technologies: Flask, Gemini API, Large Language Models (LLMs)

### ♦ Summar Ease

- Created a content summarizer for PDFs, DOCX files, and URLs using Gemini API with support for file uploads.
- Technologies: React.js, Node.js, Express.js, Gemini API, pdf-parse, mammoth, jsdom, Multer

### ♦ Movie Recommender System

- Developed a recommendation system that suggests similar movies and plays trailers within the app.
- Technologies: NumPy, Pandas, scikit-learn, Streamlit, Pickle

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## Technical Skills

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- **Languages:** Java, Python, C
- **Web Development:** HTML, CSS, React.js, Node.js, Express.js, Flask
- **Databases:** MySQL, MongoDB
- **AI/ML:** YOLOv8, scikit-learn, Gemini API, LLMs (basic experience)
- **Tools & Libraries:** Docker, EasyOCR, Streamlit, pdf-parse, mammoth, jsdom, Multer