

Sailaja Ramba

Mail: sailajaramba10@gmail.com | Number: (+91) 6281392877

CAREER OBJECTIVE

Passionate and detail-oriented software professional seeking to begin my career in a growth-oriented organization. Eager to apply technical skills, embrace new technologies, and enhance problem-solving abilities. Committed to delivering efficient, maintainable solutions while contributing to collaborative and impactful projects

EDUCATION

- ❖ MCA | Avanthi Institute of Engineering and Technologies CGPA: 8.4 | (2025)
- ❖ BSC | Aditya Degree College. CGPA: 8.6 | (2022)
- ❖ XII | Narayana Junior College. 87% | (2019)

SKILLS

- ❖ **Programming Languages:** Python, Java basics, C++
- ❖ **Web Technologies:** HTML, CSS, JavaScript (basic)
- ❖ **Databases:** MySQL, MongoDB
- ❖ **Version Control:** Git, GitHub
- ❖ **Operating Systems:** Windows, Linux
- ❖ **Data Analysis & Visualization:** Pandas, NumPy, Tableau, Power BI
- ❖ **Frameworks:** Flask, Django Fast API.
- ❖ **Cloud Basics:** AWS, Azure fundamentals
- ❖ **AI & Machine Learning:** OpenCV, TensorFlow, Keras, Scikit-learn, PyTorch, YOLOv5/YOLOv8, SSD, Faster R-CNN

PROJECTS

- ❖ **Project Title: Internet Banking System:**

- **Tech Stack:** Spring MVC, Hibernate, MySQL, JSP, HTML/CSS, Apache Tomcat
- A system allowing individuals to perform banking activities at home, through the internet.
- Requirements in the project are user requirement document and analysis document and user interface specification.
- Types of design are high level design and low-level design.

- ❖ **Project Title: Helmet And Number Plate Detection Using Deep Learning.**

- **Tech Stack:** Deep Learning using with python and machine learning, TensorFlow / Keras, PyTorch (optional),
- YOLOv5 / YOLOv8 (for real-time detection), SSD or Faster R-CNN (for higher accuracy but more complex)
- The project presents an automated system for helmet detection and number plate recognition using deep learning techniques. The system uses images and videos input to detect if a motor bike rider is wearing a helmet and vehicle and number plate.

Traffic departments can be used to identify rules breaks effectively and without manual supervising

- ❖ **Project Title: Database Management in Finance.**

- Engineered a finance sector database management system for transactional details and retrievals , leveraging Python and MySQL to enable data organization, retrieval and analysis capabilities.
- Implemented hashing techniques for password encryption, significantly enhancing data security.

INTERSHIPS

- **Data Analytics process Automation**

EDU Skills - Alteryx

- Assisted in developing & maintaining web applications using Java, Spring MVC, SQL and Hibernate. -
- Wrote SQL queries for efficient data retrieval and manipulation
- Debugged and resolved application issues to ensure smooth functionality in collaboration with QA team.

SOFTSKILLS · Team Collaboration · Adaptability · Effective Communication · Creativity · Problem-Solving