

# GIRESH IMMIDISSETTY

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Full Stack Developer with experience in Node.js and Express.js, passionate about building scalable and responsive web applications. Experience in real-time systems and computer vision projects, with strong problem-solving skills and a keen interest in expanding expertise in technologies like ReactJS.

## EDUCATION

- **Bachelor of Technology (B.Tech) – Information Technology**  
Maharaj Vijayaram Gajapathi Raj College of Engineering (Autonomous)  
**CGPA:** 8.00
- **Intermediate (12th) – Science Stream (MPC)**  
Sri Chaitanya Junior College  
**Percentage:** 93.2%

## TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, Python
- **Web Technologies:** HTML, CSS, JavaScript, EJS, ReactJS(Basics)
- **Backend:** Node.js, Express.js
- **Database:** SQL, MongoDB
- **Computer Vision:** OpenCV, EasyOCR, NumPy
- **Software Development:** OOP (Object-Oriented Programming), DSA (Data Structures & Algorithms)
- **Tools & Platforms:** Git, GitHub, VS Code

## KEY PROJECTS & APPLICATIONS

### Bank Management System

- Developed a Java-based OOP project for managing bank operations like account creation, transactions, and balance inquiry. Implemented OOP principles such as:
    - **Encapsulation:** Secured account details and user data within classes.
    - **Abstraction:** Provided a simplified interface for banking operations.
    - **Inheritance:** Designed a class hierarchy with base classes for core banking features and derived classes for specialized account types.
    - **Polymorphism:** Enabled flexibility in transaction processing and interest calculation.
- Technologies Used:** Java, OOP, MySQL

### Number Plate Detection System

- Developed a computer vision-based system to detect and extract vehicle number plates from **images**. Integrated with a web interface for result display using Node.js and EJS.
- Technologies Used:** EJS, CSS, Python, OpenCV, EasyOCR, Node.js, MongoDB

## INTERNSHIP EXPERIENCE

Completed a 4-week internship in MERN Stack Web Development at CODTECH IT Solutions, focusing on real-world web development practices. Gained hands-on experience with MongoDB, Express.js, React.js, and Node.js through practical assignments and team collaboration.