

# P P Hemalatha

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## OBJECTIVES

Seeking a position where I can apply my knowledge and practical experience to contribute to the success of the organization. I aim to leverage my strong communication skills to collaborate effectively with teams and ensure the efficient completion of tasks. I am eager to learn new technologies and explore innovative approaches to support the team's goals and advance my professional growth.

## EDUCATION

B. Tech in Electronics and Communication Engineering

Sri Venkatesa Perumal College of Engineering and Technology, Puttur

2021 – 2025 | Aggregate: 85%

Intermediate (MPC)

Sri Surya Junior College Nagari

2019 – 2021 | Aggregate: 85%

Secondary School Education

SGN ZP Girls High School Nagari

2014 – 2019 | Aggregate: 87%

## SKILLS

**Programming Language:** JAVA

- Good knowledge in oops concept, and in achieving abstraction concepts.
- Good knowledge in polymorphism and Type casting.
- Good knowledge in exception on handling.
- Excellent in method overloading and method overriding.
- Knowledge in Interface, access specifiers and java packages.

**Web Technology:** HTML, CSS, JAVASCRIPT

HTML:

- Good understanding of basic HTML structure and tags.
- Knowledge of heading, paragraph, list, and tables tags.
- Able to create hyperlinks and insert images and videos.
- Familiar with form elements like input button, checkbox, radio.

CSS:

- Basics knowledge of applying styles using inline, internal, external CSS.
- Familiar with CSS selectors, properties, and values.
- Able to style text, background, borders, and box model.
- Understanding layout techniques using margin, padding, and positioning.

JAVASCRIPT:

- Basic understanding of JavaScript syntax and usage.
- Knowledge of variables, data types, and operators.
- Understanding of loops, and arrays
- Familiar with basic DOM manipulation and event handling.

**Database:** Oracle SQL, MYSQL

- Good Knowledge of SQL Commands (DDL, DML, TCL, DCL).
- Good Understanding of RDBMS concepts like constraints, Data Types, Tables.
- Having in depth understanding of writing SQL queries.
- Good Knowledge of SQL concepts like Aggregate Functions.
- Basic Understanding of writing joins commands (Inner join, left joins, Right joins, full joins).

**Tools And IDEs:** Eclipse, VS code

## STRENGTHS

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- **Self-Motivated:** Proactively takes initiative, maintains focus, and achieves goals independently.
- **Time Management:** Effectively prioritizes tasks and consistently meets deadlines.
- **Adaptability:** Quickly learns new technologies and adjusts to changing work environments

## CERTIFICATIONS

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- C Programming Certified by New Leaf.
- PCB design Certified in my College

## HOBBIES

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- Learning new things.
- Cooking.

## PROJECT

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### Project Title:

Car License Plate Detection and Recognition Using MobileNetV2 and TensorFlow.

### Role in the Project:

Team Leader (Second Leader)

### Project description:

- The Project used MobileNetV2 and TensorFlow for developing a lightweight, real-time system.
- Focused on handling low-quality and skewed images for better accuracy in real-world scenarios.
- Contribute to image preprocessing, and training the deep learning model.
- Integrated YOLO model for detecting license plates more efficiently.
- Worked on improving the model's speed and accuracy in real-time condition.
- Managed documentation and team coordination to ensure project deadlines were met.
- Played a key role in evaluating system performance and implementing improvements.

## LANGUAGES KNOWN

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- Tamil
- Telugu
- English