

# LEELAVATHY S

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## Profile

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Motivated Computer Science Engineering student seeking an entry-level opportunity to apply strong programming, problem-solving, and analytical skills in a real-world environment. Eager to learn new technologies, work collaboratively in a team, and contribute effectively to organizational growth.

## Technical Skills

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**Languages:** Java, Python, C, SQL

**Web Technologies:** HTML, CSS, JavaScript

**Frameworks:** React, Node.js, REST APIs

**Tools:** Git, GitHub, VS Code, Eclipse

## Experience

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### Artificial Intelligence and Machine Learning Intern

June 2025 - July 2025

*Edunet Foundation (AICTE)*

- Worked on ML fundamentals, data preprocessing, and basic model building in a virtual internship program.
- Performed data cleaning, preprocessing, and exploratory data analysis (EDA) to identify key factors influencing salary trends.
- Presented insights and model results through a structured PowerPoint presentation with visualizations and performance metrics.

### Web Application and Development Intern

March 2025 - April 2025

*TEK PYRAMID (Test Yantra Software Solutions)*

- Developed responsive web applications using HTML, CSS, JavaScript, and ReactJS. Built reusable React components to enhance UI/UX.
- Integrated APIs and optimized application performance through testing, debugging, and deployment support.
- Designed and developed a responsive music web application with features like playlist creation, audio streaming, and user authentication.

### Web Development Intern

June 2025 - July 2025

*Prodigy InfoTech*

- Worked as a Web Development Intern at Prodigy InfoTech, completing assigned development tasks.
- Gained hands-on experience in coding, testing, and fixing errors while working on real projects.
- Improved website design and added useful features to make them more user-friendly.

## Projects

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### Smart IoT Bin | Smart Waste Monitoring System Using IoT

August 2025 - October 2025

- Designed and implemented an IoT-based waste monitoring system using Arduino/NodeMCU and Ultrasonic sensors to measure garbage levels in bins.
- Enabled real-time alerts and monitoring to improve waste collection efficiency and reduce overflow issues.
- Contributed to sustainable marine ecosystem protection by enabling smart monitoring to reduce ocean pollution (aligned with SDG 14 - Life Below Water).

### Innovators Hub Music |

March 2025 - April 2025

- Developed a full-stack music streaming web application using HTML, CSS, and JavaScript, React.js for the frontend and Node.js for backend services.
- Integrated Firebase for authentication, real-time database management, and secure data storage.
- Implemented responsive UI, playlist management, and audio controls to deliver a smooth and interactive user experience.

## Education

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### **Panimalar Engineering College**

*B.E Computer Science and Engineering*

Chennai, Tamil Nadu

*Sep 2023 - May 2027*

### **John Dewey Matric Hr.sec School**

*Higher Secondary Education*

Cuddalore, Tamil Nadu

*2021 - 2023*

## Certifications

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- Nptel Programming in Java
- Nptel Intoduction to Machine Learning
- Nasscom Cybersecurity Analysis and Design
- Nasscom Acquiring Data
- AWS Cloud Practitioner Essentials
- IBM Artificial Intelligence Fundamentals
- Intellipaat Microsoft Azure

## Courses

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- NPTEL
- Nasscom
- Cisco
- Infosys SpringBoard

## Inter-Personal Skills

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- Problem Solving
- Team Work
- Leadership

## Languages

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- English
- Tamil