LEELAVATHY S

+91 8610661433 | leelavathy.s284@gmail.com | Linkedin | GitHub

Profile

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

Languages: Java, Python, C, SQL

Web Technologies: HTML, CSS, JavaScript

Frameworks: React, Node.js, REST APIs

Tools: Git, GitHub, VS Code, Eclipse

Experience

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

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 | *A Music Application built with React* · 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

Panimalar Engineering College   Chennai, Tamil Nadu
B.E Computer Science and Engineering   *Sep 2023 - May 2027*

John Dewey Matric Hr.sec School   Cuddalore, Tamil Nadu
Higher Secondary Education   *2021 - 2023*

Certifications

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

Courses

- NPTEL
- Nasscom
- Cisco
- UiPath
- Infosys SpringBoard

Inter-Personal Skills

- Problem Solving
- Team Work
- Leadership

Languages

- English
- Tamil