

# EZHILARASAN VEZHAVENDAN

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Portfolio Website

Villupuram, Tamil Nadu

LeetCode

## Career Objective

Passionate backend developer with a strong interest in building scalable and efficient systems, eager to contribute to impactful and innovative solutions.

## Education

Mailam Engineering College

09/2021 - 05/2025

Bachelor of Technology in Information Technology (CGPA: 8.2/10)

## Skills

- **Technical Skills:** Java, Python, JavaScript, MYSQL, HTML, CSS, Bootstrap, Debugging
- **Soft Skills:** Problem-solving, Teamwork, Leadership, Versatility, Creative, Public Speaking

## Internship Experience

Intern Java Full Stack Developer, Kloudping IT Solutions Pvt Ltd

10/2023 - 02/2024

- Learned to **enhance website functionality and performance**.
- Strengthened development skills through practical **experience in a real-world project**.

## Project

Bank Transaction Manager [Source Code](#)

Java, Jdbc API, MYSQL 07/2024

- **Implemented rollback functionality** ensuring database consistency, **reducing errors by 15%**.
- SQL transaction control including save points to **ensure database consistency during transaction operations**.
- **Enhanced security** by implementing **MD5 hashing for password encryption**.
- Development of Exception management strategies to manage SQL exceptions, invalid account details, and other issues.

ATS Resume Validation Tool Using Python [Source Code](#)

Python, MYSQL 01/2024

- Automated candidate application evaluation, **increasing processing speed by 40%**.
- Utilized PyPDF2 module for efficient data extraction, and constructed **reliable fault tolerance** to optimize system reliability.

SMS Trigger to Alert Students [Source Code](#)

Python, MYSQL, Vonage API 12/2023

- Established MySQL database connections to retrieve and process contact details for **automated SMS notifications**.
- **Integrated Vonage API** to securely send personalized SMS messages, ensuring **reliable delivery**.
- Created **automated messaging logic** to iterate through database results and efficiently send notifications.
- Built robust error handling strategies for MySQL and API exceptions, which **enhanced system reliability**.

Rock Paper Scissors Using JavaScript [Website](#) [Source Code](#)

JavaScript, Bootstrap 11/2023

- Utilize **Bootstrap for responsive design**, ensuring seamless user experience across devices.
- Enhanced the gaming experience with a randomized computer choice for an unpredictable and engaging experience.
- Developed a **scalable and maintainable codebase**, ensured readability and extensibility for future enhancements.

## Achievements

- **Secured 2nd place** in the internal project submission competition at Mailam Engineering College.
- Solved over **75+ Data Structures and Algorithms problems**, demonstrating strong problem-solving skills.

## Area of Responsibility

- **Coding Club Co-Ordinator:** Teaching and mentoring students about programming languages and their core concepts.
- **Cyber Security Club Co-Ordinator:** Organizing awareness programs on cyber security threats and it's prevention's.