

EZHILARASAN VEZHAVENDAN

Backend Developer

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[Portfolio](#)

Villupuram, Tamil Nadu

[GitHub](#)

Career Objective

Aspiring developer with solid expertise in backend development, eager to contribute to scalable and efficient solutions.

Internship Experience

Java Full Stack Developer Internship *Kloudping IT Solutions Pvt Ltd*

10/2023 - 02/2024

- **Designed and developed** a user-friendly website interface to streamline connections between service providers and customers.
- **Integrated and enhanced website** functionality and performance.
- Strengthened back-end development skills through practical **experience in a real-world project**.

Project

Bank Transaction Manager [GitHub](#)

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 [GitHub](#)

Python, MYSQL 01-2024

- Automated candidate application evaluation, **increasing processing speed by 40%**.
- Utilized PyPDF2 module for efficient data extraction, **improving accuracy by 20%**.
- Constructed **reliable fault tolerance** to optimized system reliability.

SMS Trigger to Alert Students [GitHub](#)

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**.
- Built robust error handling strategies for MySQL and API exceptions, which **enhanced system reliability**.

Rock Paper Scissors Using JavaScript [Website](#) [GitHub](#)

JavaScript, Bootstrap 11-2023

- Utilize **Bootstrap for responsive design**, ensuring seamless user experience across devices.
- Developed a **scalable and maintainable codebase**, ensured readability and extensibility for future enhancements.

Skills

- **Technical Skills:** Java, MYSQL, Python, JavaScript, CSS, Bootstrap, HTML, Debugging
- **Developer Tools:** Visual Studio Code, Eclipse, Github
- **Soft Skills:** Problem Solving, Teamwork, Leadership, Versatility, Creative, Public Speaking
- **Coursework:** Data Structures and Algorithms, Oop, Os , Networking, Dbms

Certifications

Java, JavaScript, MySQL, HTML, CSS, Bootstrap, Networking

Education

B-Tech Information Technology *Mailam Engineering College*

Mailam, Tindivanam 2021-2025

CGPA - 8.18

Area of Responsibility

- **Coding Club Co-Ordinator:** Teaching and mentoring students about programming languages and their core concepts.