EZHILARASAN VEZHAVENDAN

Java Full Stack Developer

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Linkedin   *Portfolio*   *Github*

Career Objective

Aspiring Java 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 *Source Link*   **Java, Jdbc API, MYSQL** *07-2024*

- **Implemented rollback functionality** ensuring database consistency, **reducing errors by 15%.**
- **SQL transaction control including savepoints** to ensure database consistency during transaction operations.
- **Enhanced security** by implementing **MD5 hashing for password encryption**.
- **Built a strong authentication mechanisms** with account number and PIN, enhancing security.
- **Development of Exception management strategies** to manage SQL exceptions, invalid account details, and other issues.

ATS Resume Validation Tool Using Python *Source Link*   **Python, MYSQL** *01-2024*

- **Automated** candidate application evaluation, **increasing processing speed by 40%**.
- **Utilized** PYPDF module for efficient data extraction, **improving accuracy by 20%.**
- **Efficient Data Extraction:** Simplified the extraction of contact information and role-related keywords from PDF documents, **improving the evaluation process efficiency by 40 %.**
- **Constructed reliable fault tolerance optimized system reliability.**

SMS Trigger to Alert Students *Source Link*   **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 *(Live Link Source Link)*   **JavaScript, Bootstrap** *11-2023*

- **Engage users** with a visually appealing and intuitive interface.
- **Utilize Bootstrap for responsive design**, **ensuring seamless user experience across devices**.
- **Developed a scalable and maintainable codebase,** adhering to best practices in HTML, CSS, and JavaScript to ensure readability and extensibility for future enhancements.

Online Courses & Certifications

Java, JavaScript, MySQL, Bootstrap, HTML, CSS

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.