Hrishikesh Shelke *Aspiring Backend Developer*

⊙ Pune | ☏ +91-9921659142 | 🔗 Linkedin | 🔗 Github | 🔗 Leetcode | 🔗 Hackerrank | 🔗 Scaler | ✉ dev.hrishi@outlook.com

SKILLS

- Java, Spring Boot, MySQL, Git, AWS, Microservices, Restful API's, Postman

EXPERIENCE

Operations Head   Feb 2020 - Mar 2023

M/s Tekpro Systems (Laboratory Division)   Pune, India

- Implemented strategic measures to guarantee prompt service delivery through streamlined operational practices.
- Developed a comprehensive Laboratory Information Management System (LIMS) incorporating features such as E-registers, workflow management, Quality Assurance, Reporting and Certifications, Inventory Management, Quotation and Invoicing.
- Implemented and managed a custom MS-Excel and VBA-based LIMS solution that complied with ISO/IEC 17025 standards.
- Led the project that resulted in saving ₹2.2 lakh (average market price for LIMS) in capital expenses and increased operational efficiency by 50%.
- Solely responsible for managing, debugging, updating, and testing the LIMS system.
- Ensured the project's compliance with ISO/IEC 17025 standards through successful audits conducted by NABL officials.

PROJECTS

Tic-Tac-Toe~Plus

🔗 https://github.com/hrilke/TicTacToe-Plus

- Developed a dynamic and customizable Tic-Tac-Toe~PLUS game allowing adjustable board sizes and player counts up to (N - 1) players.
- Implemented personalized symbol selection and bot difficulty levels (Easy, Medium, Hard) to cater to diverse player skills.
- Enhanced gameplay experience with undo and replay features, facilitating strategy analysis and learning from mistakes.
- Championed an algorithm for checking winner in the game with $O(1)$ Time Complexity.
- Demonstrated expertise in Java programming, OOP principles, design patterns, and MVC architecture to deliver a robust, scalable game application.

Parking Lot Management System

🔗 https://github.com/hrilke/Parking-Lot-Management-System

- Engineered a sophisticated Parking Management System with comprehensive spot management, including EV charging, reserved parking spots for handicapped drivers, and enhanced security for luxury vehicles.
- Implemented advanced algorithms for dynamic spot allocation, optimizing parking based on proximity to amenities and customer needs.
- Developed real-time pricing models, offering flexible charging strategies to maximize revenue and resource efficiency.
- Integrated robust vehicle tracking and security features, ensuring enhanced safety protocols and efficient monitoring of diversed parking spots.

EDUCATION

Scaler Neovarsity   2025

MS in Computer Science

Academic Record : https://github.com/hrilke/AR/blob/main/MS.pdf

- Currently enrolled in the Master of Science program at Scaler Neovarsity, a member of Woolf University (ECTS Accredited).
- Completed Tier 1 Module : Introduction to Data Structures, Problem Solving, and Computer Programming.
- Secured 25 out of 90 ECTS credits with a Cumulative GPA of 4.0
- Pursuing Tier 2 modules covering advanced subjects such as Advanced Algorithms, Backend Development, Low-Level Design (LLD), and Design Patterns.

Pune University   2019

BSc in Hospitality Studies

Degree Certificate : https://github.com/hrilke/AR/blob/main/BSc.pdf

- Completed a three-year Bachelor's degree program in Management at AISSMS College of HMCT Pune, with hands-on internships at prestigious establishments such as Westin Pune and Fortune Inn by ITC, Hinjewadi to complement academic learning with practical experience.
- Graduated with extensive operational expertise in Leadership, People Management, Resource Management, Effective Communication Skills, Other administrative soft skills.