SABARI VEL

sabarivel73.github.io/Portfolio • sabarivel0928@gmail.com • LinkedIn
9566851725 • GitHub • LeetCode • HackerRank

TECHNICAL SKILLS

Programming Languages: C++, Java, Python, PHP
Web Frameworks and APIs: Node.js, Express.js, RESTful APIs
Databases and Query Languages: MySQL, MongoDB
Data Analysis and Visualization: Power BI, Excel
Tools and Technologies: Git, GitHub, Docker, Postman

PROJECTS

MCA Portal [Project Link]

- Developed the backend of a full-stack MCA Portal web application to centralize workflows such as document upload, OD applications, payments, and internal communication. Optimized **MySQL** queries for high-performance **APIs**, implemented secure OTP verification and session locking for user protection and integrated Razorpay and PHPMailer for seamless payments and email services using **PHP** and **JavaScript**

Board Battle: Interactive Chess Game Using WPF [Project Link]

- Built a fully functional chess game using **C#** and the **.NET Framework** with a responsive **WPF/XAML**-based GUI, incorporating smooth animations, real-time player interactions, and dynamic game logic for accurate rule enforcement. Applied **OOP principles** to ensure modular, maintainable code

Shopify Data Analysis and Reporting in Power BI [Project Link]

- Designed an interactive Power BI dashboard using raw Excel data from Shopify, performing data cleaning and transformation with **Power Query**, modeling data and creating calculated measures with **DAX** to deliver drill-through reports and actionable insights to support data-driven business decisions

Digital Data Hub: Digital Information and Services Hub [Project Link]

- Programmed a data management platform using **PHP** and **JavaScript** to collect, store, and display user information on driving licenses, government policies, and legal guidelines. Optimized **MySQL** data handling for performance improvement and implemented **OTP verification** with session locking to ensure user security and prevent unauthorized access

Tic Tac Toe Game Application [Project Link]

- Created a responsive Tic-Tac-Toe game in **C++** using the **SFML Library**, featuring a GUI with visual cues for player turns and win conditions, core game logic for move validation and win detection, and integrated sound effects for actions like marking, winning, or resetting, enhance user engagement

ACHIEVEMENTS

Coding

- Solved **200+ problems** in leetcode under the handle **sabarivel0928**

CERTIFICATIONS

- HackerRank Skill Certification (SQL) ⬈
- Software Testing - NPTEL ⬈
- Data Science - IBM ⬈

EDUCATION

Master of Computer Applications	Graduation: 2026
PSG College of Arts and Science	8.6 GPA
Bharathiar University, Coimbatore, Tamil Nadu	
Bachelor of Computer Applications	Graduated: 2024
PSG College of Arts and Science	8.53 GPA
Bharathiar University, Coimbatore, Tamil Nadu	