

# MERVIN VALAN M

## JAVA DEVELOPER

### CONTACT

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### EDUCATION

- BA English Literature** CGPA - 7.73
- Christ College of Arts and Science** (2019-2022)
- Alpha Matric Hr. Sec. School.**
- HSC Percentage** - 74.25%
- SSLC Percentage** - 93%

### SKILLS

#### Programming Languages & Frameworks

- JAVA
- SPRING BOOT

#### Frontend Technologies

- HTML
- CSS
- JavaScript

#### Databases

- MySQL
- MongoDB

#### Version Control

- Git
- Git Hub

### COURSE WORK

- Data Structure
- OOPS
- Problem Solving
- Critical Analysis

### PROFILE

Enthusiastic and dedicated aspiring **Java Developer** with a strong foundation in Java. Passionate about combining creative design with robust programming to develop intuitive user interfaces and resilient backend solutions. Driven by a love for innovation and continuous learning and have completed various projects. Ready to bring my commitment to excellence and fresh perspective to your team. Let's connect and explore how we can make your next project a success.

### EXPERIENCE

#### Prodigy InfoTech | Software Developer Intern

- As a Software Developer Intern at Prodigy InfoTech, I gained hands-on experience in software development and contributed to various projects.
- Developed Java applications with graphical user interfaces (GUI) to enhance user experience and interaction.
- Implemented algorithms and logic for various functionalities, demonstrating problem-solving skills and algorithmic understanding.
- Successfully completed internship, gaining practical experience in software development, honing technical skills, and contributing to real-world projects.

### PROJECTS

#### Car Rental System Tech Stack: Java, OOP

- Developed a Java-based Car Rental System application using object-oriented programming principles.
- Implemented functionalities for renting and returning cars, calculating rental prices based on the number of rental days.
- Incorporated error handling to ensure data integrity and prevent invalid operations, such as renting a car that is already rented or returning a car that was not rented.
- Designed a user-friendly console menu interface using Scanner for user interaction, allowing customers to rent and return cars seamlessly.

#### Web Scraper Tech Stack: Java, Jsoup

- Utilized Jsoup, a Java library, for web scraping tasks. Jsoup provides easy-to-use methods for parsing HTML documents and extracting data from web pages.
- Implemented dynamic URL generation to scrape multiple pages of the website. The program scrapes data from multiple pages by appending page numbers to the base URL.
- Extracted book titles, authors, prices, and ratings from the HTML elements using Jsoup's CSS selector syntax. Processed and formatted the extracted data before writing it to the CSV file.

#### Student Management System Tech Stack: Java, MySQL, HTML/CSS and JavaScript

- Spearheaded the development of a comprehensive Student Information System (SIS) utilizing Spring Boot for backend RESTful services and React for frontend UI, ensuring efficient management of student data, courses, and grades.
- Implemented MySQL database to store student information, utilized Spring Data JPA for seamless integration with the backend, ensuring data consistency and reliability.
- Developed a responsive web application optimized for various devices using React and Material-UI, providing an intuitive user interface for administrators, teachers, and students to manage student records, courses, and grades.