

# KALANJIYA RAHUL

## Java Developer



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Kilakarai - 623517

### ABOUT ME

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Python Developer with 8 months of experience in Python, MySQL, JDBC, Django, Tkinter, JavaFX, PostgreSQL, and MongoDB. Skilled in developing interactive applications and managing databases. Familiar with web development technologies like HTML, CSS, and JavaScript. A quick learner and proactive team player focused on delivering high-quality solutions and achieving project goals.

### SKILLS

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- **Programming Languages:** Core Java, Python
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Frontend:** HTML5, CSS, JavaScript, JavaFX, Java Scene Builder
- **Frameworks:** Spring, Spring Boot
- **Tools & Libraries:** Tkinter, Canva, Excel, Netbeans, Visual Studio code, STS Toolsuit & Eclipse
- **Other Skills:** OOPS Concepts, J2EE, Node js(Basics), Problem Solving, Time Management
- **Currently learning:** DSA
- **Team Management:** Strong team collaboration and management skills, leading tasks effectively
- **Problem Solving:** Proficient in troubleshooting and researching solutions through platforms like Google, ChatGPT and Stack Overflow

### WORK EXPERIENCE

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#### Python Developer

2024-NOW

Magizhi Software

- **Developed a backend system to handle data processing and management using Python and MySQL.**
- **Implemented features for managing and manipulating data in PostgreSQL and MongoDB (CRUD operations).**
- **Designed and developed user interfaces with JavaFX and SceneBuilder to provide an interactive experience.**
- **Worked with APIs and integrated Python libraries for smooth data handling and application logic.**
- **Focused on optimizing database queries, reducing query response time and improving system performance.**
- **Collaborated with the team to ensure timely delivery of projects and maintained high-quality code.**

#### Java Backend Development Intern

2024-NOW

Magizhi Software

- **Assisted in developing and maintaining Python-based applications using Core Python and JDBC for database interactions.**
- **Optimized SQL queries in MySQL and PostgreSQL to improve application performance and reduce query execution time.**
- **Worked with MongoDB for managing NoSQL data and performed CRUD operations.**
- **Debugged and enhanced existing codebases under the guidance of senior developers.**
- **Collaborated with the team to test and deploy features, ensuring smooth integration and functionality.**

## PROJECTS

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### CreamCash Billing Software (Core Java, JDBC, MySQL, JavaFX, Scene Builder)

- Developed a billing system using Core Java and MySQL for backend operations.
- Designed and implemented the user interface using JavaFX and Scene Builder.
- Implemented features like invoice generation, product management, and order tracking.
- Gained hands-on experience in both frontend and backend development, including database management and UI design.

### JuicyFlow Billing System (Java, MySQL, JDBC, Scene Builder)

- Developed a billing system for a Juice Shop using Core Java and MySQL for backend operations.
- Designed and implemented the user interface using JavaFX and Scene Builder.
- Integrated database operations with JDBC to manage customer orders and inventory.
- Implemented features like order processing, price calculation, and transaction tracking.
- Gained hands-on experience in building a system application with a focus on user interaction and database management.

## EDUCATION

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<b>SYED AMMAL ARTS AND SCIENCE COLLEGE</b> – Ramanathapuram, Tamil Nadu Master of Science in Computer Science – 7.211%	2022-2024
<b>CAUSANNEL COLLEGE OF ARTS AND SCIENCE</b> – Muthupettai, Tamil Nadu Bachelor of Science in Computer Science – 8.322%	2020-2021
<b>KAIRAHTUL JALALIYA HSC SCHOOL</b> HSC – 82.5% – Ramanathapuram, Tamil Nadu	2017-2018

## LANGUAGES

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- Tamil
- English
- Hindi

## CERTIFICATIONS & ACHIEVEMENTS

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- Junior Typewriting (English) – First Class
- Prathmic Hindi – First Class
- Adobe Flash – 'A' Grade
- Seminar Activities – Participated in Syed ammal college conference
- Blood Donation – Actively participated in blood donation drives
- Soft Skill Enhancement Teaching Program – Completed training in communication and soft skills

## CONTACT INFORMATION

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- Date of Birth: 08/04/2001
- Age: 24 Years
- Gender: Male
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