

# Praveen Raj

## Java Backend Developer

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Github: [github.com/praveen23raj](https://github.com/praveen23raj)

### 👤 CAREER HIGHLIGHTS

**Java Developer** with 1+ years of experience in designing, developing, and deploying **scalable, high-performance applications** using Java, **Spring Boot, Servlets, JSP**, and **MySQL**. Proficient in implementing solutions based on **MVC** and **Microservices architectures**. Experienced in building **RESTful APIs**, integrating **Apache Kafka** for inter-service communication, and using **Docker** for containerization and deployment automation. Skilled in **object-oriented programming (OOP)**, **code optimization**, and **advanced debugging** to improve application reliability and efficiency. Familiar with **AWS services** such as **S3** (cloud storage), **EC2** (virtual servers), and **Elastic Beanstalk** (application deployment and scaling). Passionate about **continuous learning**, adopting **emerging Java and cloud technologies**, and delivering secure, innovative, and high-impact software solutions.

### 💼 WORK EXPERIENCE

**Operations Intern at Unacademy** Oct 2024 – Jan 2025 | Bangalore  
Assisted in streamlining operational workflows to enhance efficiency and productivity. Collaborated with cross-functional teams to support daily operations, analyze data, and resolve issues promptly. Played a key role in managing tasks related to content organization, scheduling, and performance tracking. Demonstrated strong problem-solving skills and attention to detail while adhering to deadlines in a fast-paced environment. Contributed to improving operational processes and ensuring seamless execution of projects.

**Software Developer at Happy Visitor** Jan 2025 – present | Bangalore

- Proficient in Advance Java concept including **Java 8 Features** Object-oriented programming (**OOP**) and **Core-Java**.
- Developed and maintained Java-based backend applications using Spring Boot, Hibernate/JPA, and MySQL.
- Implemented role-based authentication and authorization with Spring Security and Session-tokens.
- Worked on Jasper Reports for generating configurable, dynamic reports with real-time field-level updates(by designing jrxml using ireports and compiling to jasper.file).
- Designed dynamic **JPQL** queries to simplify complex conditions and optimize database interactions.
- Automated workflows using **multithreading and scheduled tasks** to optimize performance, including daily email notifications with dynamically generated and embedded images for improved user engagement and system efficiency.
- Developed frontend features using **Angular** and JSP, including client-side sorting, pagination, and role-based navigation menus.
- Gained deployment experience by moving build files to demo servers via **WinSCP** and restarting applications using **Putty**.
- Participated in code reviews, debugging sessions, and issue resolution, ensuring tested in all the server with high-quality deliverables within deadlines.

## EDUCATION

### Bachelor of Computer Application

Nov 2020 – Sep 2023

### The Oxford College of Science

Graduated with First Class, with an aggregate of 78%. Recognized by Bangalore University for exceptional academic performance.

## SKILLS

- Core Java
- Hibernate / JPA
- Spring Boot
- Git and GitHub
- Spring Security
- Spring Validation
- MySQL
- Postman Api
- Apache Kafka
- Dockers
- Angular
- Microservices

## CERTIFICATES

### Java Full-Stack Developer

Successfully completed a comprehensive Java Full Stack Development certification at Pankaj Sir Academy, acquiring in-depth knowledge and practical skills in Front-end and Back-end development, adhering to industry best practices and modern development frameworks.

## PROJECTS

### Tours and Travels Management Systems :-

Developed a tour and travel management system similar to Airbnb, featuring itinerary management, booking reservations, and real-time updates. Implemented Spring Security with JWT authentication and role-based authorization, integrated AWS S3 for cloud storage, and used a dedicated exception handler class to manage specific exceptions with appropriate HTTP status codes, ensuring a secure, scalable, and seamless user experience.

### Flight Booking System :-

Developed a flight reservation system enabling users to search, book, and manage flight reservations. The system handles real-time seat availability, booking management, and secure user Authentication, ensuring seamless interactions between services using Microservices architecture, OpenFeign, and API Gateway for efficient service communication.

### Visitor Management System:-

Jan 2025 – Present

Happy Visitor is a digital visitor management system that enables organizations to streamline visitor registration, check-in, and check-out processes while capturing visitor photos for security and compliance. The product includes modules like Ticket Tracker for monitoring visitor requests and issues, Work Permit Management to handle contractor approvals, Vehicle Management for controlling vehicle entry and exit, Material Movement to track items within the facility, and Asset Management for monitoring organizational assets. It reduces manual paperwork, improves operational efficiency, and provides real-time tracking of visitors, vehicles, materials, and assets. The system ensures centralized management, better accountability, and enhanced security across all organizational operations.

## LANGUAGES

- English
- Tamil
- Kannada
- Telegu
- Hindi