

# Raghvendra Pratap

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## PROFILE SUMMARY

Backend Engineer with 2.4 years of experience building high-performance, scalable microservices using **Java**, **Spring Boot**, and **Kafka**. Strong foundation in **data structures**, **asynchronous programming**, and **low-level design**. Skilled at optimizing databases, refactoring codebases for efficiency, and delivering production-grade systems on AWS and Docker-based infrastructure.

## EDUCATION

Visvesvaraya Technological University

B.E. in Computer Science and Engineering, GPA: 7

Karnataka, India

June 2017 – August 2021

## TECHNICAL SKILLS

**Languages:** Java, Python

**Frameworks:** Spring Boot, Spring MVC, Spring Data JPA, Kafka

**Databases:** MySQL, MongoDB, PostgreSQL

**Concepts:** Data Structures & Algorithms, Design Patterns, Asynchronous Programming, Low-Level Design

## EXPERIENCE

The Scalers

May 2024 – May 2025

Java Backend Engineer

- Designed and implemented **low-level modules** and REST APIs using **Spring Boot**, adhering to SOLID principles and clean architecture.
- Built and maintained **microservices** handling authentication, scheduling, and data synchronization with **asynchronous flows**.
- Integrated **Kafka** for event-driven communication and background job processing to ensure high throughput and fault tolerance.
- Optimized data access layers with **Spring Data JPA**, reducing query response times by 30%.
- Implemented comprehensive **JUnit & Mockito** tests achieving 90%+ coverage; automated CI/CD pipelines using **GitHub Actions**.
- Collaborated in Agile sprints, providing design reviews and technical insights for backend refactoring and scalability improvements.

Incedo Inc

May 2022 – Nov 2022

Java Backend Engineer

- Designed and implemented **low-level modules** and REST APIs using **Spring Boot**, adhering to SOLID principles and clean architecture.

Hinduja Global Solution

Sep 2021 – May 2022

Associate Software Engineer

- Designed and implemented REST APIs using Spring Boot, adhering to SOLID principles and clean architecture.
- Designed and implemented an automation application to reduce the time for billing clients for a logistics company in the USA

## PROJECTS

College Timetable Automation System

Spring Boot, MongoDB, Docker, AWS

- Engineered REST APIs for dynamic timetable generation and scheduling workflows.
- Added Swagger documentation and deployed services on **AWS EC2** with MongoDB Atlas.

Warehouse Picklist Processor

Java, Spring Boot, JSON Processing, MongoDB

- Built backend module to parse nested JSON structures, batch process warehouse picklists, and persist efficiently in MongoDB.
- Applied **design patterns** (Builder, Factory) for modular data handling.

## CERTIFICATIONS

Oracle Java Foundations Certification (Oracle University)

2025

Java Spring Framework 6, Spring Boot 3, Spring AI

2025

Full Stack Development Program (TalentSprint, IIT Hyderabad)

2020

LLM Python & ML (Udemy)

2025