

# Puspender Tanwar

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📍 Gurgaon, India

## SKILLS

- Java 21, Spring Boot 3, Spring Cloud
- PostgreSQL, MySQL, Redis, Elasticsearch
- AWS, Docker, Git, Datadog, Spinnaker, K8S, Splunk
- Kafka, Websockets, Gatling, Hashicorp Vault
- Javascript, React js, Next.js, Redux, React Query, Node.js, Python
- Prompt Engineering, Microservices, Distributed systems

## WORK EXPERIENCE

### Coforge

Team Lead

Sept 2023 - Present | Gurgaon

- Client: Expedia Group
- Build Core Receivable Services Platform - a cloud-native, multi-tenant billing engine on AWS - processing billions in transactions monthly
- Scaled performance of APIs by 60% by closely monitoring the K8S dashboards and application logs
- Revamped few batch jobs and used the right tool for the job, e.g replaced simple Spring boot codebase with Spring Batch for improved performance and better maintenance
- Handled high load activities on RDS (PostgreSQL) by deeply monitoring DB metrics on AWS & DataDog, hence improving overall DB performance by implementing scheduled vacuuming, use of right index and few other factors
- Lead a dev team and headed Java (21) and Spring boot (3.x) migrations. Created a culture of shipping integration tests using TestContainers. Improved the logging & exception handling practices through out the team. Use of latest features by Java and Spring boot (like virtual threads)
- Implemented diff sets of tests (stress, volume, spike etc) on APIs using Gatling
- Reduced the infra cost based on multiple factors
- Worked on a process which required cross account setup of AWS Glue, Athena, S3. Lead the effort single handedly and did configurations through Cloudformation
- Technologies: Spring boot 3(Java 21), PostgreSQL, Redis, AWS (SQS, Glue, Athena, Lambda, Batch, Cloudformation, s3, Step Fn), K8s, Spinnaker, Github, Hashicorp Vault, Datadog, Splunk, Gatling
- Domain: Finance

### Ofloy

Cofounder and Developer

May 2023 - Sept 2023 | Gurgaon

- Ofloy.com is a social media platform connecting startups, VCs, investors, founders, mentors and much more. Worked single handedly on frontend, backend and the deployment of application to AWS.
- Reduced hosting cost from 200\$ per month to 15\$ per month by self hosting every component on a VPS
- Technologies: Spring boot (Java 17), Nextjs, React Query, MySQL, Redis, Elasticsearch, AWS, Github, Material-UI, Node.js, Websockets
- Domain: Social media

### Cloudsufi

Senior Full Stack Developer

Dec 2020 - May 2023 | Noida

- Client: FFF Enterprises
- Created multiple web portals: Patient Portal, Nurse Portal, Audit Portal, Assessment Portal, Admin portal.

- Technologies: Spring-Boot, PostgreSQL, React.js + Redux, Ping4Customers, GitHub Actions, GCP, Redis, Material-UI.
- Domain: Pharmaceutical

### **BusinessAlligators.com**

Technical cofounder

May 2018 – Dec 2020 | Gurgaon

- Handled pre-sales and development of web apps for client
- Domain: Social media, E-commerce.

### **Bristlecone**

Associate Consultant

June 2016 - May 2018 | Noida

- ODI Cloud Adapters: Contributed to creating and maintaining multiple integration adapters for different domains like Salesforce, SuccessFactors, ServiceNow, etc. Platform-based on Java with ODI API and the underlining target domains. Technologies: Java (6 & 7), Oracle DB, Oracle Data Integrator (ODI).
- Domain: Integration Adaptors for Supply Chain

### **All Solutions Academy**

Java Tutor

Aug 2015 - June 2016 | Gurgaon

- Taught core java to students
- Helped in building & supporting institute's website

## EDUCATION

### **Gurgaon Institute of Technology & Management**

Bachelor of Technology

May 2015