

Pramod Yadav

Solution Architect

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Solution Architect having 9+ Years of extensive experience in designing & developing innovative IT business solution. Skilled in Secure, Reliable & Scalable System design, Product Development, SaaS Service, System Integration, Application optimization. Having the Core competencies as Critical role player, Team Leadership.

Skills

Product Development Microservice Java Spring MultiThreading Batch Processing AWS Cloud Security Retail
Architectural Principal SQL NoSQL Linux Kafka Jboss AS Redis SonarQube SaaS Scalable Design DevOps
Team Leading MongoDB JS React/Angular Containerization Docker & Kubernetes Solr Prometheus Jenkins

Products Engineered

- **Integra** [integra.tatacliq.com]– A Middleware and an extensive Enterprise Integration Platform for Application Integration. Design mainly motivated with pipe-filter architectural design principal including workflow, chain of responsibility & Visitor Pattern. It provides easy to build API execution path in runtime by assembling the components categorized as Endpoint, Splitter, Transformer, Enricher, Router, Auditor, Throttler, Authenticator.
- **Octashop SaaS ecommerce** [buyerlane.in]– Enabled Octashop e-commerce Product as SaaS-based Ecommerce Solution & enabled ample of features such as Multi-Organization, Internationalization, Multi-Cart, Apps Marketplace, CMS, Multi-Catalogue, B2C, B2B, Marketplace
- **Omniware** [sellerzone.tatacliq.com] – A Seller Platform in the MarketPlace Ecommerce ecosystem to facilitate seller for the operation such as Product Management, Serviceability, Order management.
- **Octa LMS** – An Loyalty Management Platform for Customer engagement with the features of Multi-Organization, Tier Management, Multi Earn & Redeem benefit Setup as per the Tier [Customer: Unilever]
- **Octashop enterprise Ecom Solution** - An Digital commerce solution for B2C, B2B & Marketplace Solution on “Build to Adapt” Approach [Customer: bata.in, theorganicworld.com, redchief.in, CKC Jewellers, Raymonds and 8 more implementations]
- **Delivery Management System** – Delivery management & real-time delivery tracking to support Hyperlocal delivery

Framework Build

Integration Engine, Report Builder, Dynamic Schema Manager, MultiCart, Promotion Engine, Cache Manager,
CMS Framework, API Gateway

Success Stories

- Major contribution in success of TataCliq Market Place with development of Integra & Omniware Product
- Produce Design & architecture of Customer Loyalty Solution & Delivery Management System
- Design & deliver high performance pricing solution for huge dataset in Mysql db for Unilever B2B requirement
- Certified AI Professional Course, NIELIT institute, Calicut, Kerala, India
- Certified AWS Cloud Practitioner [Validation No: NG9LHWML11V113G7, expires on March 2024]
- Certified M101J - MongoDB Java Developer
- GATE-2012 (CS) Qualified
- B.E. (Computer engineering) Graduate from Pune University
- Master in Yoga from KJ Somaiya University, Mumbai
- Completed PG Diploma in Yogic Studies from Kaivalyadham Yoga Institute, Mumbai

Experience Timeline

Solution Architect

01/04/2018 – Present

Octashop e-retail pvt Ltd

Mumbai, India

- Analyse and define business strategy and determine system architecture requirement to achieve business goals
- Create Team Strategies and establish project scopes of work; communicate project deliverable timeframes and benchmarks to customers
- Suggest architectural improvements, design and integration solutions, and formulate methodologies for performance optimal & scalable application
- Adopting new Technologies and standards to achieve up to date system in terms of security, scalability, reliability, highly availability, stability
- Design & deliver Integra, Loyalty Solution, Delivery Management System
- Design, prototype & deliver CMS solution backed with Redis cache for high performance
- Design & deliver the MultiCart solution and Optimize Image management – Storage, transformation solution
- Deployed and scaled MySQL & DataSource Configuration
- Design, prototype Web caching solution at client & server side to achieve high performance & low latency
- Design & deliver high performance pricing solution(process, storage, retrieval) for huge dataset(~ 10^8) in Mysql db for Unilever B2B requirement
- Projects & Customers: Unilever, Bata, The Organic World, Redchief, CKC Jewellers, Namdhari

Team Lead

01/04/2016 – 31/03/2018

Octashop e-retail pvt Ltd

Mumbai, India

- Led development Team, designed database schema
- Upgradation of Octashop enterprise ecommerce Solution – DB, Solr upgradation
- Worked on major critical areas such as Performance Optimization, Concurrency, Transaction Management, Resource Leaks, Scalability, UX improvement
- Design & develop highly configurable and dynamic order & product Promotion Solution
- Responsible for introduction and evolution of DevOps CI/CD culture in the Organization
- Projects & Customers: Unilever, Bata, Prime Revenue, Tatacliq, Woodland

Software Engineer

15/01/2013 – 31/03/2016

Octashop e-retail pvt Ltd

Mumbai, India

- Developed Octashop customize requirement by Database schema design, development
- Several Webservice Integration such as Loyalty, Social media login, Order Delivery track, Payment Gateway etc.
- Enhancement of Promotion Solution
- Design & deliver highly configurable & dynamic Product Management Solution for Tatacliq SellerPortal Project
- Projects & Customers: Mahindra, Bata, Tatacliq

Technical Proficiency

- **Design Principle:** SOLID, Microservice, SOA, Database Design Principle (Sharding, Master-Replica)
- **Design Pattern:** Singleton, Factory, Builder, Caching, Object Pool, Adapter, Facade, MVC, Strategy, Chain of Responsibility
- **Programming Languages:** Java, Javascript, Assembly, C, TypeScript, R, Python
- **Data Persistence:** SQL (MySQL, Oracle), NoSQL (Solr, MongoDB), Caching(Redis), File System Storage, Object Storage (S3), Block Storage(EBS)
- **Cloud Services:** Compute (EC2, Lambda, Fargate), Database, DNS(Route53), Messaging(SQS, SNS), CDN(CloudFront), IAM, VPC, NoSQL Service, Caching Service, Message Broker
- **Client Technology & framework:** Javascript/Jquery, Ajax, HTML5, Angular v8, XSLT, REST Service, WebSocket, Web Worker, Web Storage – local & session
- **Security:** JWT, Oauth2, BasicAuth, XSS measures, OWASP, SSL, JWT, Hashing, Salting, Digest, MFA, Symmetric
- **Server App Frameworks:** Spring, Hibernate, Spring Boot, JSF, Apache CXF
- **Application Server:** JBoss v4.0.2/EAP 6.4.2, Wildfly 8/11/18, Tomcat, Undertow
- **CICD, DevOps:** Jenkins, Jmeter, git, svn, ant, gradle, docker, Kubernetes, SonarQube, Prometheus, ELK
- **Others Tool & Library:** Caffeine, Apache Kafka, Traefik, Consul, Ribbon, TIKa, Stax, Jackson