Paresh Patil

Full Stack Developer

6+ Years of full-stack production software design & development (MIT Pune - B. E. E&TC - 2016)

SKILLS

Languages: Java, Typescript, Javascript

Frameworks: Spring Boot, Node JS with Express, TsED, Angular, Handlebars, Freemarker

Distributed Services: Consul, Zipkin, Prometheus, Distributed Caches, RabbitMQ, Hystrix

AWS: EC2, ECS, EKS, S3, SNS, SQS, Lambda, etc.

GCP: Compute Engine, GKE, Data Flow, Pub/Sub, Spanner, BigQuery

Databases: MySQL, PostgreSQL, Redshift, Elasticsearch, Redis

Build Tools: Maven, Gradle, NPM

DevOps Tools: Docker, Jenkins, Bash

Test Frameworks: JUnit, JMockit, Mockito, Wiremock, Spock, Sinon, Mocha, Chai

EXPERIENCE

Measured, Inc - Cross-Channel Marketing Measurement & Analytics (Principal Engineer)

SEPT 2019 - Present

- Full stack individual contributor building ECS processes and lambdas to process data for 80+ clients across multiple data clusters
- Designed and implemented fast responding backend for dashboard UI using TsED, Redshift, and Elasticsearch
- Development in Directed Acyclic Graph-based component monitoring, and orchestration system in NodeJS that executes on 200+ processes
- Backend API development in TsED for Scenario Planning Product
- Hands-on experience in deployment tools like CI-CD pipelines in Jenkins, Lambdas, and ECS tasks

Projects

- **Measured Web - DataViz**
  - Design and Implementation of native dashboard UI & backend that supports graphs, charts, tables, and hero metric calculations using Elasticsearch
- **Facebook Ads Experimenter**
  - Execution of DoEs with various split-type studies on client's Facebook ads

- **In-house RBAC User Management**
  - Role-based access control with resource-and-operations-based access provision
  - Client user management with roles and permissions
- **Cross-Platform Geo-DoE**
  - Cross-vendor geo-based ads delivery and data collection service for analytics platform
- **Component Monitor**
  - Event-based component health monitor with configurable health check metrics
- **Internal Management UI**
  - Internal UI written in Angular, backend by NodeJS written in Typescript with TsED
  - Configuration UI providing a central place for configuring all processes and services

Vuclip India Pvt. Ltd. - Video OTT Platform (Software Engineer)

JUNE 2016 - AUG 2019

- Individual Contributor in Platform team designing and implementing microservices for a scale of 80+ million users
- Microservices development using Google APIs like Google MemoryStore, Google Spanner, Google Cloud SQL, Pub-Sub, Google Dataflow Pipeline, Google BigQuery, etc.
- Centralized caching and data synchronization systems like Redis, RabbitMQ, Google PubSub, etc.
- Internal tools based on frontend stacks like Angular 6 with Spring Boot backend.
- Hands-on experience in deployment tools in CI-CD pipelines such as Jenkins, Docker, Kubernetes, Harness, etc.

Projects

- **BAAS (Billing As A Service)**
  - Billing Interface to manage App Subscription Models
- **UIAAS (UI As A Service)**
  - Frontend Microservice to manage OTT Streaming service
- **Digital Ads Management Services**
  - Eco-system to cater to user-specific customized billing flow
  - Internal configurational UI tool to manage Digital ads configuration
- **Dataflow Pipeline**
  - Log Management for 100+ microservices using pub/sub
- **User Management**
  - Managing OTT users' cross-device workflow through login, subscription, and history