

# RAJESH CHANDOLU

SOFTWARE DEVELOPER

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📍 Hyderabad, Telangana , India

## PROFILE

Platform Engineer with 10+ years specializing in cloud storage infrastructure and distributed systems at scale. Expert in block storage architecture, NVMe/iSCSI protocols, and performance optimization. Currently designing fault-tolerant storage solutions serving millions of OCI customers.

## WORK EXPERIENCE

### ■ 2021/07 - PRESENT

Oracle Cloud Infrastructure

#### individual contributor 3

Block storage Data Plane

- Designed and led implementation of block storage fault domain architecture to align at ToR switch level instead of rack level, enabling flexible ToR-based deployments and reducing minimum infrastructure footprint from 4 racks to 3 while maintaining fault tolerance guarantees
- Analyzed and validated storage cost reduction through block compression, then built real-time savings metrics for ongoing optimization
- Developed NVMe-oF target server components using SPDK framework, implementing login authentication and REST APIs for volume attachment lifecycle management

Block storage Virtualization

- Engineered auto-tuning solution to eliminate noisy neighbor scenarios by dynamically adjusting VPU volumes based on real-time I/O patterns
- Improved iSCSI stability and reduced connection failures by optimizing login path logic and login response handling to align with iSCSI specifications
- Enabled block storage compatibility for ARM64 architecture across all components and implemented automated CI/CD pipeline for streamlined deployments

Block storage Control plane

- Integrated Failsafe SDK for circuit breaker logic through an annotation-driven approach, improving fault tolerance in critical service interactions

### ■ 2020/04 - 2021/07

Paysafe Inc

#### Platform Engineer

- Refactored Customer Vault component from monolithic WAR deployment into standalone cloud-ready microservice using Spring framework
- Extended Open-diffy for custom Paysafe shadow testing use-cases
- Maintained Customer Vault application, resolving critical production bugs and ensuring system stability

### ■ 2015/04 - 2020/04

Kony India Private Limited

#### Software Developer

- Developed Data Adapters for Braintree, Microsoft Graph
- Integrated third-party SDKs in the Kony Platform for PayPal, Daon
- Developed Kony Mobile Components Calendar, Login, Hamburger Menu
- Developed My-approval mobile application in ESS Suite

## EDUCATION

2011 - 2015

VASIREDDY VENKATADRI INSTITUTE

- Information Technology
- Percentage: 71%

## SKILLS

### PROGRAMMING LANGUAGES

- JAVA
- C++
- PYTHON
- SCALA
- JAVASCRIPT

### CLOUD & INFRASTRUCTURE

- Oracle Cloud (OCI)
- Block Storage
- DOCKER
- KUBERNETES
- MONITORING

### BACKEND & MICROSERVICES

- RESTFUL APIs
  - SPRING BOOT
  - DROPOWIZARD
- GRPC
  - NETTY
- MIDDLEWARE

### STORAGE

- PROTOCOLS
  - ISCSI
  - NVME
- FRAMEWORKS
  - SPDK
  - User Space ISCSI Target

### DEVOPS

- BUILD PIPELINES (CI/CD)
- TERRAFORM
- BUILD TOOLS
  - BAZEL
  - MAVEN