

# PRITHVIRAJ KADIYALA

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## SUMMARY

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Experienced Full-Stack Software Engineer with 8+ years of hands-on expertise in Java, Spring Boot, AWS, Identity and Access Management (IAM), and scalable, secure cloud-native applications. Proven track record delivering enterprise-grade solutions with strong emphasis on system reliability, authentication, and automation. Adept at integrating modern technologies including OAuth2, JWT, S3, Lambda, and front-end frameworks such as React.js. Passionate about clean architecture, agile delivery, and cross-team collaboration.

## EXPERIENCE

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### Software Developer II, 7-Eleven

May 2024 - Mar 2025

- Migrated legacy services from JavaScript to **Java with Spring Boot** during a team merger, learning and applying the new stack under pressure to meet delivery deadlines.
- Developed **RESTful APIs** secured with **OAuth-based authentication**, integrating seamlessly with AWS IAM for consistency across cloud services.
- Designed and deployed **AWS Lambda** pipelines and **S3-backed async workflows** for high-volume real-time data ingestion and processing.
- Utilized **MongoDB** to handle customer data securely, ensuring sensitive information was never exposed to third-party clients.
- Enforced **fine-grained IAM policies** and integrated **AWS Secrets Manager** to securely manage credentials and prevent hard-coded secrets.
- Created automated dashboards to track **third-party data ingestion errors**, reducing incorrect data exposure for over **4,500 users** by moving from manual retriggers to **error-based automated updates every 30 minutes**.
- Implemented **CloudWatch alarms and automated service retries** to ensure stability during production releases and reduce customer-facing incidents.
- Used **Redis caching** to reduce external API latency and improve system responsiveness.
- Maintained cross-team communication to ensure API changes and service upgrades were well-integrated and backward-compatible.
- Led third-party integrations (e.g., Grubhub, DoorDash), increasing partner success rates by 30%.
- Mentored junior developers and contributed to agile process improvements for better velocity tracking and predictability.

### Software Developer, 7-Eleven

May 2023 - May 2024

- Developed front-end features using **React.js** and back-end services in **Node.js** to support real-time Order Management workflows.
- Refactored monolithic UI code into **modular, reusable React components**, improving maintainability and cross-team reuse.
- Created and maintained **JWT-authenticated RESTful APIs** with rate limiting and structured logging.
- Collaborated with PMs and operations teams to define and implement business logic for order substitutions, improving customer fulfillment rates.
- Designed **New Relic-based dashboards** and alerting to proactively identify production issues.
- Partnered with Grubhub, DoorDash, and SkipTheDishes engineering teams to support real-time availability sync and automated onboarding.
- Participated in agile ceremonies and mentored junior engineers on React best practices and service architecture.

### Tech Lead, Infosys Limited

Jan 2021 - May 2023

- Architected and provisioned secure, scalable AWS environments using Terraform, supporting consistent infrastructure management and secure deployments.
- Led the migration from monolithic Java services to containerized microservices, increasing system uptime from 60% to 99% and eliminating crashes during peak data loads.
- Developed Docker-based microservices with Auto Scaling Groups and Load Balancers, ensuring elasticity, resiliency, and optimal performance under varying loads.
- Worked with PostgreSQL in AWS environments, using Terraform to set up multiple instances, ensuring separation of Read/Write databases to optimize performance for both reads and writes.
- Configured IAM roles, policies, and security groups to enforce fine-grained access control for services and teams.
- Integrated OpenTelemetry (OTEL) for distributed tracing and observability, enabling fast root cause analysis and proactive incident prevention.
- Collaborated with external teams to ensure API endpoints were enriched with accurate, complete data and aligned with business requirements.
- Implemented pagination strategies for long-running queries and result sets to optimize network performance, reduce DB strain, and ensure full data delivery for clients.
- Advocated and implemented GitOps for infrastructure automation, reducing configuration drift and increasing delivery confidence.
- Mentored junior engineers and actively participated in agile ceremonies, fostering a culture of code quality, collaboration, and continuous improvement.

**Software Developer**, KISS Institute for Practical Robotics

*Feb 2019 - Nov 2020*

- Supported development and environment maintenance for student-facing robotics simulation apps hosted in AWS.
- Wrote and maintained deployment scripts for **Flask APIs and EC2 instances**, ensuring consistent setup of test and staging environments.
- Developed tools for automated data validation and log parsing to help instructors debug test failures more efficiently.
- Acted as point-of-contact for uptime issues, DNS changes, and environment sync problems between dev/stage/prod servers.

## EDUCATION

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**Masters of Science**, Computer Engineering  
University of Oklahoma

*Aug 2016 - Dec 2019*

## SKILLS

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**Development Environments:** VSCode, PyCharm, Bash, Vim, Postman

**Programming Languages:** Python, Java, JavaScript AWS, Kubernetes, Terraform, Helm charts, Docker

**Expertise:** API Integration, Infrastructure as Code (IaC), Performance Optimization, Linux system administration

**Soft Skills:** Cross-Team Collaboration, Technical Writing, Mentoring

**Tools & Automation:** Prometheus, Grafana, AlertManager, Jenkins, Git, Ansible, shell scripting