

PRITHVIRAJ KADIYALA

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SUMMARY

8+ years of experience as a Full-Stack Developer with expertise in software engineering, automation, and cloud technologies. Proven track record of delivering scalable solutions, optimizing infrastructure, and leading cross-functional teams. Skilled in Python, GoLang, Docker, Kubernetes, Terraform, and Linux system administration.

EXPERIENCE

Software Developer, 7-Eleven

May 2023 - Mar 2025

- Developed Kubernetes-native applications, leveraging Helm charts and Docker containers for streamlined deployment and scalability.
- Integrated Prometheus and Grafana for metrics monitoring, improving visibility into system performance.
- Automated batch job tracking, reducing manual intervention for 4500+ requests weekly and enhancing operational efficiency.
- Designed and implemented Terraform-based infrastructure as code (IaC) for AWS, ensuring consistent and scalable infrastructure deployment.
- Led partner communications with Grubhub and Skip the Dishes, collaborating with system engineers to define automation requirements and reduce transaction failures by 30%.
- Introduced strategic batching of product updates, reducing system load and ensuring reliable partner platform operations.
- Enhanced Grubhub integration, reducing latency by 10% and increasing transaction success rates by 30% through technical enhancements and effective communication.
- Directed Speedway substitutions automation, reducing order cancellations by 50% and improving product availability.
- Enabled SNAP EBT support across 13,000+ stores, expanding coverage and improving service accessibility.
- Created and maintained documentation for new systems and processes, providing clear technical references for internal teams.
- Provided technical mentorship to junior engineers, fostering skill growth and promoting best practices.

Tech Lead, Infosys Limited

Jan 2021 - May 2023

- Developed and maintained AWS infrastructure using Terraform and Jenkins pipelines, ensuring automated and consistent cloud deployments.
- Engineered shell scripts and Docker containers to enhance system automation and deployment efficiency.
- Applied DevOps practices, including CI/CD pipelines with Git, Jenkins, and Helm charts.
- Supervised and mentored junior engineers, providing technical guidance and reviewing code for quality and consistency.
- Delivered system documentation and technical reports, highlighting efficient processes and automation frameworks.
- Conducted cost calculation analysis to assess partner profitability, providing key business insights to drive decision-making.

Software Developer, KISS Institute for Practical Robotics

Feb 2019 - Nov 2020

- Deployed 3D simulators on AWS EC2, enhancing accessibility and reducing downtime by 15%.
- Developed login, signup, and email confirmation features using Python and Flask.
- Improved company website load times by 10% through optimized scripting and performance enhancements.
- Applied Linux system administration skills for server maintenance and deployment.

Graduate Research Assistant, University of Oklahoma

Aug 2016 - Jan 2019

- Developed multi-user functionality, reducing data exchange times by 100% for USDA-sponsored project.
- Implemented REST APIs in Python with Flask, facilitating seamless data communication between systems.
- Wrote technical documentation on system architecture and processes.

EDUCATION

M.S., Electrical and Computer Engineering

Aug 2016 - Dec 2018

University of Oklahoma

B.Sc., Electronics and Communication Engineering

Aug 2012 - May 2016

B.V.Bhoomaraddi College of Engineering and Technology

SKILLS

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

Programming Languages: Python, GoLang, Java, JavaScript Cloud & DevOps: 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