

Prashanth Ravula

Manager, Engineering Tools

Fremont, California, United States

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LinkedIn:

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Education

MBA in Business Analytics

Cal State East Bay- College of Business & Economics | January 2018 -

December 2020

Bachelor's degree in Information Technology

Jawaharlal Nehru Technological

University | January 2007 - December 2011

Key Skills

- Tool Management
- Software Engineering
- Devops Practices
- Project Management
- Team Leadership
- Automation
- Collaboration
- Problem Solving

Certifications

RHCSA

Red Hat

RHCE

Red Hat

Core Elastic Search

Elastic

Results-driven and highly accomplished professional with a proven track record of excellence in software engineering. Demonstrated extraordinary ability through significant contributions throughout my career.

1. **Implementation of Automated Deployment Pipeline:** - Spearheaded the design and implementation of an automated deployment pipeline, reducing deployment time by 50% and improving overall system reliability.
2. **Introduction of Continuous Integration Practices:** - Led the adoption of continuous integration practices across development teams, resulting in a 30% increase in software quality and a 40% reduction in time-to-market.
3. **Optimization of Infrastructure Costs:** - Implemented cost-saving measures by optimizing infrastructure usage, resulting in a 20% reduction in infrastructure costs while maintaining performance and scalability.
4. **Security Enhancement Initiatives:** - Developed and implemented a comprehensive security enhancement plan, improving system resilience and reducing security vulnerabilities by 60%.
5. **Streamlining of System Administration Processes:** - Standardized system administration processes and procedures, leading to a 25% increase in operational efficiency and a reduction in downtime incidents by 40%.
6. **Migration to Cloud Services:** - Successfully migrated legacy on-premises systems to cloud services, reducing infrastructure maintenance overhead and improving scalability and flexibility.
7. **Leadership in Incident Response:** - Demonstrated leadership during critical incidents, effectively coordinating cross-functional teams to resolve issues promptly and minimize business impact.
8. **Training and Mentorship Programs:** - Established training and mentorship programs for junior team members, fostering professional development and improving team cohesion.
9. **Recognition for Exceptional Performance:** - Received recognition for exceptional performance and contributions to team success, including best employee of the year and GOAT.
10. **Highly Available System Architecture:** - Designed and implemented highly available system architecture, achieving 99.99% uptime and ensuring uninterrupted service for critical business operations.

Professional Experience

Manager, Engineering Tools

Tesla, Fremont, California, United States | January 2021 - Present

- Lead a team responsible for managing and optimizing engineering tools to improve productivity.
- Implemented innovative solutions to streamline development processes and enhance efficiency.
- Collaborated with cross-functional teams to identify tooling needs and develop effective solutions.
- Conducted training sessions to educate teams on best practices for utilizing engineering tools effectively.

Staff Software Applications Engineer

Tesla, United States | October 2019 - September 2021

- Developed and maintained critical software applications supporting engineering workflows.

CCNA

Cisco

CKA: Certified Kubernetes Administrator

The Linux Foundation

AWS Solutions Architect-Associate

Amazon Web Services

AWS Solutions Architect-Professional

Amazon Web Services

Nimble Introduction and Administration

Nimble Storage, acquired by Hewlett Packard

- Lead the design and implementation of projects, ensuring alignment with organizational objectives.
- Received recognition for outstanding performance and significant contributions to project success.
- Provided mentorship and guidance to junior team members, fostering professional growth.

Senior Devops engineer

Tesla | May 2017 - October 2019

- Managed infrastructure and deployment pipelines to support continuous integration and delivery.
- Implemented robust monitoring and alerting systems to ensure the reliability and performance of applications.
- Developed automation scripts and tools to streamline deployment processes and minimize downtime.
- Collaborated closely with development teams to troubleshoot issues and optimize system performance. Palo Alto, California

Senior System Administrator

Castlight Health, San Francisco Bay Area | February 2016 - May 2017

- Managed installation, configuration, and maintenance of computer systems and networks for a large healthcare provider
- Implemented system upgrades and patches to keep systems up-to-date and secure.
- Provided technical support and troubleshooting for system-related issues.

Senior System Administrator

Standav Corp. | November 2015 - February 2016

- Managed administrative tasks and provided support to various departments within the organization.
- Developed and implemented processes to improve efficiency and streamline operations.

System Administrator

Cognisive | October 2011 - October 2015

- Managed and maintained system infrastructure, including servers, networks, and storage systems.
- Implemented security measures and protocols to safeguard company data and assets.
- Provided technical support and assistance to end-users.