GANESH KUMAR D.C

Senior DevOps Engineer

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PROFILE

As a seasoned DevOps professional with over nine years of experience, I have consistently delivered efficient development and operations processes. I specialize in automating infrastructure, optimizing software delivery pipelines, and encourage cross-functional collaboration. My expertise in implementing DevOps best practices has led to increased productivity, scalability, and reliability of software systems. I possess strong leadership skills along with a profound understanding of cloud platforms, containerization, and CI/CD methodologies. My commitment to producing high-quality solutions results in accelerated development cycles and enhanced business outcomes.

EDUCATION

Visvesvaraya Technological University
Bachelor's Degree in Computer Science
R.L Jalappa Institue of Technology, 2002 – 2006

SKILLS

- **Technical Skills:**
- Cloud Platforms: Microsoft Azure, Amazon Web Services
- CI/CD Tools: Jenkins, TeamCity, Azure DevOps, Octopus
- Containerization: Docker, Kubernetes
- Monitoring and Analytics: New Relic, Datadog, ELK Stack, Grafana, Prometheus, Site24x7
- Version Control: Git, Bitbucket, Azure Repos
- Infrastructure as Code: Terraform, Chef, Cookbooks
- Collaboration Tools: Jira, Confluence, Slack, Microsoft Teams
- Artifact Repository Manager: JFrog, Nexus

- **Soft Skills:**
- Team Leadership
- Agile Methodologies
- Problem Solving
- Analytical Thinking
- Continuous Learning and Self-Growth
- Cloud Cost Optimization

CERTIFICATIONS

- AZ-204: Certified Azure Developer Associate
- AZ-400: Certified Azure DevOps Expert
- HashiCorp Certified: Terraform Associate (003)

PROFESSIONAL EXPERIENCE

Senior DevOps Engineer
At Celestial Systems, March 2022 - Present

- Leading a team of six DevOps engineers and TechOps engineers, providing guidance, mentorship, and support. Assigning tasks and managing workloads effectively.
- Implementing and managing CI/CD pipelines to automate software build, test, and deployment processes. Ensuring the efficiency, reliability, and scalability of the CI/CD workflows.
- Designing and implementing infrastructure-as-code (IaC) solutions using tools like Terraform, Ansible, or Chef. These tools automate the provisioning, configuration, and management of infrastructure resources.
- Managing and optimizing cloud-based infrastructure, such as AWS and Azure, to ensure scalability, security, and cost-efficiency. Utilizing cloud services for deployment, monitoring, and scaling of applications.
- Leveraging industry-standard monitoring tools like New Relic, ELK Stack, Grafana, and Prometheus to collect and analyze data for proactive issue detection and resolution.
- Facilitating collaboration between development, operations, and QA teams to promote a DevOps culture. Ensuring effective communication and knowledge sharing across teams.
- Researching and evaluating new tools, technologies, and best practices in the DevOps space. Making recommendations for adoption to enhance team productivity and operational efficiency.
- Participating in pre-sales calls and providing estimations on project requirements and necessary resources. Additionally, I was involved in creating POC for sales requirements.

Technical Lead
At Antrix TechInfo Pvt Ltd, Oct 2014 - Sept 2020

- Played a significant role in the design and development of a web application with the ruby on rails framework, streamlining access to AWS with minimal personnel and enhanced security
- Enhanced monthly cost reporting to respective managers through automation, providing valuable insights and cost-saving opportunities
- Designed and implemented an efficient pipeline to reduce build runtime, ensuring swift deployment and minimize downtime
- Improved infrastructure monitoring and APM by implementing NewRelic, enhancing system reliability and performance
- Spearheaded the implementation of code signing processes to ensure security for the web application code, contributing to greater data protection
- Lead the successful migration of infrastructure from RackSpace to AWS, optimizing costs and improving overall efficiency
- Written chef cookbooks for continuous deployment
- Troubleshooting production issues and support.
- Worked with developers to make sure to follow best practise standards and written cucumber selenium test cases and confugured pipeline to run in headless browser mode.
- Automated notifications for production alerts using email's with NewRelic.

Technical Lead
At People10 technologies Pvt Ltd, March 2013 - Sept 2014

- Spearheaded the development of web applications utilizing the Ruby on Rails framework
- Composed unit test cases utilizing frameworks such as RSpec and
- Shoulda
- Troubleshot production issues with efficacy and precision
- Authored Selenium test cases using the Cucumber framework
- Successfully collaborated with clients, taking charge of app architecture design
- Involved in source code development activities.
- Gathering client requirements and converting them in to smaller tasks for the team.

Senior Software Engineer
At Castlerock research corporation, Dec 2009 - March 2013

- Spearheaded development of a cutting-edge E-learning platform for Canada-based universities
- Developed and implemented modules for reporting, quizzes, and practice tests
- Collaborated directly with clients to enhance product functionality
- Established and configured Teamcity CI tool to ensure seamless development
- Provided exceptional production support to troubleshoot and resolve app issues
- Orchestrated communication between stakeholders and team members to ensure project success
- Integrated newrelic and payment systems, including Stripe, to enhance application capabilities
- Successfully deployed application to production using capistrano deployment tools
- Authored and implemented capistrano deployment scripts utilizing Ruby language expertise.

Software development engineer
At Srishti Software, Sept 2007 - Nov 2009

- Collaborated with project lead to comprehend project objectives and executed tasks accordingly.
- Spearheaded coding exercises for proof of concepts, demonstrating expertise in programming.