YUVRAJ GUPTA

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With a proven track record in DevOps, CI/CD, and automation, coupled with expertise in a wide range of cloud technologies and programming languages, I am a dynamic engineer poised to drive efficiency and innovation in a DevOps/SRE role.

Skills

- DevOps | CI/CD | Jenkins | Automation | IAC | Terraform | Ansible | Docker | Kubernetes | Git | Github | Python | Golang | Bash | Java
- Nutanix | AWS | GCP | Azure | VMware | Calm | Harbor | JFrog Artifactory | Grafana | Packer | Vault | Data Analytics | SQL | ETL
- Jira | Confluence | Agile | Scrum | Compliance | Hindi, English – *professional proficiency* | Korean (TOPIK-2), Japanese – Beginner

Experience

DevOps Engineer — Nutanix — *Bengaluru, India* — **01/2022 - Current**

- Build Time Reduction: Reduced average build times from 80 minutes to 25 minutes, and further to 14 minutes with better hardware, by optimizing infrastructure processes and optimized the Docker and RPM build process.
- Infrastructure Automation: Automated the re-imaging of nodes, virtualizing PCs via Calm VMs increasing effective infra-availability by more than 300%, saving manual efforts and staff bandwidth. Also improved Dev PCs performance by about 25%.
- Monitoring Architecture: Developed and deployed a monitoring stack with Slack notifications and Grafana dashboards, reducing build failure rates by 20%, improving build success rates by 10% and early bug capturing rate by more than 50% by facilitating team communication and faster issue resolution.
- Health Check Implementation: Introduced health check stages for critical VMs and infrastructure components in pipelines, ensuring higher stability and reliability of the build environment.
- Infrastructure Maintenance: Maintained, upgraded and migrated various DevOps tools and infrastructure components, including Jenkins, Kubernetes, vCenter, and Hashicorp Vault, NFS Server (filers), pypi server, JFrog Artifactory, etc.
- CI/CD Enhancements: Migrated from phabricator to Github PR process, improved Jenkins pipelines by making logs more accurate, descriptive, verbose, and parsing friendly for monitoring.
- Blackduck and Veracode Scan automation: Automated Veracode and Blackduck scans to ensure license compliance and ISO standards.
- Collaborated with multiple teams: Worked with multiple teams across multiple products to perform all DevOps related activities such Calm, Calm-VM, Calm-SaaS, Policy, Epsilon, Nutanix Central (DM), IAM, Nutanix Cloud Manger products.
- Developed terraform modules: Developed and published terraform modules for Nutanix along with documentation.

Data Analyst — Tech Mahindra — *Pune, India* — **04/2021 - 01/2022**

- Contributed to the development of the Verso Suggestion Engine for ZS Associates, transforming data into actionable insights.
- Designed, developed, and proposed Config Files Automation Tool (for Verso Engine) which increased the efficiency by more than 10 times, reducing engineering resource requirements by 80%.

Application Development Associate — Accenture — *Bengaluru, India* — **11/2020 - 04/2021**

- Worked as a Java and Salesforce developer for IDFC Bank project in support team.

Research Project Intern — RGSTC-TIFAC-MSME — *Nagpur, India* — **05/2019 - 05/2020**

- Worked and published research paper on the project titled - 'IoT based battery monitoring system and prediction of remaining useful life of battery' under the program of RGSTC, Government of Maharashtra for technical support to MSME's by TIFAC, Government of India.

Education

Bachelor of Engineering (B.E.) — Shri Ramdeobaba College of Engineering & Management — *Nagpur, India* — **08/2016 – 10/2020**

- B.E. in Electronics and Communication

Certifications

- Microsoft Certified Azure AI Fundamentals and Microsoft Certified Azure AI Fundamentals
- AWS Certified Solutions Architect Associate and AWS Certified Cloud Practitioner

Others

- Lead a team of 8 people in people in Nutanix Hackathon 9.0
- Participated and lead team in various International and National level Robot Competitions like Asia Pasific Robocon, International Robotic Challenge (IIT Bombay), Cozmo Clench (IIT Bombay), Aquahunt (VNIT), RoboCup (VNIT).
- Conducted a two-day workshop on Amazon Web Services (AWS) – Empowered enthusiasts with practical insights.