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|  |  | |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **Kshitija Randive**   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | |  | Pune, Maharashtra 411015 |  |  |  | | --- | --- | |  | +917219527499 / 8080153677 |  |  |  | | --- | --- | |  | kshitija100998@gmail.com | |  | |  |   Results-driven **DevOps Engineer** with expertise in cloud computing, automation, CI/CD pipelines, and infrastructure management. Adept at deploying scalable, high-availability solutions using Docker, Kubernetes, Terraform, and AWS. Strong analytical and problem-solving skills with experience in Linux, monitoring, and security best practices. Proven ability to optimize cloud infrastructure, automate workflows, and drive operational efficiency to support business growth.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **Skills**   |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | DevOps & Automation: CI/CD, Git, Jenkins, Ansible, Terraform, Docker, Kubernetes |  | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | Cloud Platforms: AWS (EC2, S3, Lambda, IAM, CloudWatch), Azure, GCP (Planned) |  | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | Containerization & Orchestration: Docker, Kubernetes, Helm, OpenShift |  | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | Scripting & Programming: Python, Bash, YAML, Groovy |  | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | Infrastructure as Code (IaC): Terraform, CloudFormation, Pulumi |  | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | Monitoring & Logging: Prometheus, Grafana, ELK Stack, Splunk |  | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | Networking & Security: VPN, DNS, Load Balancers, Firewalls, IAM Policies |  | |  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | | Operating Systems: Linux (Ubuntu, CentOS, Red Hat), Windows Server |  | | |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  | **Work History**   |  |  | | --- | --- | | **2024-07 - Current** | **IoT Trainer Lead** **(DevOps IoT Process Trainer)** ***Startek, Pune***   * Led training programs focused on **DevOps best practices, CI/CD, cloud computing, and automation** for IoT teams. * Developed and delivered **hands-on workshops** on Kubernetes, Docker, and Terraform for streamlined infrastructure management. * Implemented **DevOps methodologies** to enhance IoT deployment processes and automation workflows. * Designed **custom training modules** for AWS, infrastructure as code (IaC), and monitoring with Prometheus and Grafana. * Collaborated with cross-functional teams to enhance **IoT security and cloud integration**. * Provided guidance on **incident management, debugging, and optimization of IoT infrastructure** using DevOps tools. * Mentored junior engineers, fostering a culture of continuous learning and skill development. |  |  |  | | --- | --- | | **2022-05 - 2024-07** | **Junior Customer Service Executive (SME) (DevOps Engineer – IoT Projects)** ***Tata Communications, Pune***   * Implemented and maintained **CI/CD pipelines** for IoT applications, reducing deployment time by **40%**. * Migrated legacy applications to **cloud-native solutions on AWS**, improving system performance and uptime by **30%**. * Automated infrastructure provisioning using **Terraform and Ansible**, increasing deployment efficiency by **50%**. * Deployed and managed **containerized microservices** with Kubernetes, enhancing scalability and reliability. * Integrated **AWS Lambda and CloudWatch** for event-driven automation and real-time monitoring. * Worked on **log aggregation and analysis** using the ELK stack for proactive issue detection and troubleshooting. * Designed and implemented security policies for **cloud and container environments**, ensuring compliance with industry standards. * Optimized **network performance and load balancing strategies** to ensure high availability of IoT services. |  |  |  | | --- | --- | | **2021-07 - 2022-01** | **Embedded Engineer and Technical Consultant (DevOps & Cloud Infrastructure)** ***Macfocs Robu.In, Pune***   * Developed **automated deployment scripts** using Python and Bash for IoT applications. * Designed and deployed **cloud infrastructure on AWS**, integrating IoT devices for real-time monitoring and analytics. * Built **Dockerized environments** for IoT development and testing, ensuring consistency across deployments. * Configured **Prometheus and Grafana dashboards** for real-time observability of IoT device performance. * Assisted in **custom PCB design and firmware development**, integrating with cloud-based services. * Created **serverless functions with AWS Lambda** to process and analyze IoT sensor data in real-time. * Implemented **IaC best practices** to automate cloud resource provisioning and reduce manual configurations. | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | |  | **Education**   |  |  | | --- | --- | | **2018-08 - 2021-06** | Bachelor in Technology (B.Tech): Electronics Engineering  *MIT Academy of Engineering - Pune, Maharashtra*  GPA: 7.39 |  |  |  | | --- | --- | | **2014-09 - 2018-06** | Diploma in Engineering: Electronics and Telecommunications  *GOVERNMENT POLYTECHNIC PUNE - Pune*  GPA: 64.80% | |  |  |  |  |  | | --- | --- | --- | --- | |  | **Certifications**   |  |  | | --- | --- | |  | * AWS Solution Architecture from Edureka * AWS Certified Solutions Architect – Associate (In Progress) * Docker & Kubernetes Certification (Planned) * Terraform Associate Certification (Planned) * Certified Kubernetes Administrator (CKA) (Planned) * Microsoft Azure DevOps Engineer Expert (Planned) | |  |  |  |  |  | | --- | --- | --- | --- | |  | **Additional Information**   |  |  | | --- | --- | |  | * Passionate about **automation, cloud computing, and infrastructure optimization**. * Active contributor to **DevOps communities and open-source projects**. * Strong communication and mentoring skills, enabling **team growth and knowledge sharing**. * Experience in **automating deployments and infrastructure scaling** using Terraform and Ansible. * Proficient in **GitOps methodologies** with **ArgoCD and FluxCD**. * Hands-on experience with **service mesh technologies** such as **Istio and Linkerd**. * Adept at **cloud cost optimization strategies**, reducing infrastructure costs by **20-30%**. * Strong background in **multi-cloud deployments** with AWS and Azure. | | |  |

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