Dheeraj jha

Devops Engineer and tech lead

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🧠 Experience summery

- **System design:** Proficient in crafting system architectures for a diverse array of applications, spanning from mobile apps to intricate dashboards from prototyping to infinite scaling.

- **Cloud migration:** Expertise in planning and executing comprehensive migration strategies, integrating with existing infrastructure and alerting systems, while considering requirements, dependencies, and potential disruptions to the current setup.

- **Infrastructure as Code:** Practical expertise in Terraform to orchestrate systems of varying complexity, effectively optimising infrastructure.

- **Dockers and Containers:** Proficient in dockerizing application, deployment and managing lifecycle of it.

- **CI/CD:** Extensive experience utilizing both Jenkins and GitLab-CI to automate diverse processes, along with AWS code-deploy to automating deployment on scale.

- **Scripting/Automation:** Used bash and python in Linux based servers to create various script to automate create api to interact with various systems.

- **Application monitoring:** Solid understanding of monitoring concept, methodologies, best practises of alerting strategies, metrics collection, and log analysis.

- **Innovative mindset:** Follows approach geared towards simplifying complex challenges and automating routine tasks, thus enabling a focused concentration on more significant issues and iterative problem-solving.

- **Development experience:** First hand experience of 8+ years as developer with end-to-end product development lifecycle thus great at understanding wider spectrum.

- **Troubleshooting:** Experience in diagnosing issue, alerts, logs and coming up with short term, mid term and long term solution for any immediate problem and apply fix quickly as possible to minimise downtime if there is any.

- **Team lead & Management experience:** Over five years of experience in leadership roles, along with development, served as a team lead, managed project, delivery planning, and overseeing development initiatives.

- **Cross functional team communication:** Strong proficiency communication and prior experience thus working fluently across teams doing development, marketing, UI/UX and so on.

🧠 Skills

DevOps tools *(AWS, Ansible, Jenkins, Gitlab-CI, CI/CD, Terraform, AWS Code-deploy, Docker)*

AWS *(RDS, EC2, Cloudfront, ELB, SES, SNS, SQS, API Gateway, Lambda, LightSail, AWS CLI)*

Scripting Languages *(PHP, Python, Bash)* | **Frameworks** *(Codeigniter3, Laravel, Bootstrap)*

Databases *(MySQL, MongoDB, Redis)* | **Frontend** *(HTML, CSS3, BS4, Javascript)*

Observability Stack *(ELK, Prometheus, Grafana, Cloudwatch)*

💼 Professional Experience

Devops consultant, *Anant Technologies*   10/2023 – present | Remote, US
- Took handover of DevOps process and **optimised architecture** of various client services
- Used **Jenkins to automate deployment process** of various cloud based apps
- Setup **monitoring tools, automated recovery** and setup zero downtime infrastructure.

DevOps Engineer and Tech lead, *Reevalo SaaS*   2021 – 2023 | Remote, FR
- **Migrated** entire **infrastructure to AWS** Resulting in the scalability.
- **Saved 40-50% of Cloud cost** while scaling up the process by **optimising cloud** and **process internals**.
- Saved **95% of the time** by fully **automating the data processing** from source to destination.
- **Saved 10-15 hours/developer** in monitoring by **developing** in-house **central dashboards** for various processes resulting in a **30-40% increase in productivity.**
- **Optimised API** and Web Dashboard performance by **60-80%** despite heavy processes in the backend.

Lead Developer, *CTE International pvt ltd*   08/2017 – 12/2020 | Gurugram, IN
- **Scaled up eCommerce platform** by **optimizing traffic** and speed by multiple factors using AWS resources.
- **Automated** Deployments, scaling out and scaling up of application, used various services of AWS to diversify monolithic application into various managed services.

Fullstack PHP Developer,   12/2015 – 08/2017 | Gurugram, IN
Incisiv.io(Formally Winculum services)
- **Took handover of Entire IT infrastructure** in a short span of time with a plan for expansion.
- **Potentially saved 100s of hours** of work/month by developing a multi-tier research tool thus scaling **customer delivery by 5x** per month.

Fullstack PHP Developer, *Netmaxims Technology*   05/2015 – 12/2015 | Faridabad, IN
- Created Multiple In-house tools for **improving productivity** and libraries to speed up the **development/coding process by 30%,** Improved system design to scale up the system.

🎓 Education

Bachelor of Technology - Computer science,   2010 – 2014 | Ambala, IN
Kurukshetra university