Dheeraj jha *A DevOps engineer & Tech lead*

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⤢ Portfolio   ◗◗ Medium

🧠 Experience summery

- **Team lead & Management experience:** Over five years of experience in leadership roles, serving as a team lead, adept at project management, delivery planning, and overseeing development initiatives.

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

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

- **Deep cloud integration:** Skilfully leveraged a variety of AWS/Cloud services to autonomously manage and scale applications and their associated services.

- **Infrastructure as Code:** Practical expertise in utilizing Terraform to orchestrate systems of varying complexity, effectively minimizing the need for manual intervention.

- **Dockers and Containers:** Proficient in employing and configuring containers, ensuring applications are dockerized for seamless standalone utilization.

- **CI/CD:** Extensive experience utilizing both Jenkins and GitLab-CI to automate diverse processes, notably deployment, streamlining development workflows.

- **Scripting/Automation:** Profound understanding of Servers and the Linux environment, enabling the creation of bash/python scripts for automation at both process and system levels.

- **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.

- **Cross functional team communication:** Strong proficiency in English and technical communication, effectively collaborating with diverse stakeholders such as developers, scientists, team members, and technical support personnel to deliver solutions, provide instructions, document processes, conduct training, and more.

🧠 Skills

AWS (RDS, EC2, Cloudfront, ELB, SES, SNS, SQS, API Gateway, Lambda, LightSail, AWS CLI, Security groups, Cloudwatch, IAM, Cost Management)

DevOps tools (Ansible, Jenkins, Gitlab-CI, CI/CD, Terraform, Prometheus, Grafana)

Languages (PHP, Python, bash, javascript, JSON, HTML, CSS, C, C++, JSON, Yaml)

Frameworks (Codeigniter, Laravel, ReactJS, Vue, Bootstrap, Material UI)

Database (MySQL, MongoDB, Redis) | **Frontend** (React, CSS3, Tailwind CSS, BS4, UI/UX)

Server/Platforms (Linux(Debian/RedHat), MacOS, Windows, Docker)

Other skills (Git, Bash, Python, React, Docker, RestAPI, Postman)

💼 Professional Experience

DevOps Engineer and Tech lead, *Reevalo SaaS*   2021 – present | 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

- **Took initiative** based on business team resulting in taking inception to **Successfully delivering** the Entire Mobi-hub Platform

- Planned, Hired, and **Lead a team of 15+ professionals** consisting of **Frontend/Backend/Mobile app developers** along with UI/UX.

- **Scaled up eCommerce** platform by **optimizing traffic** and speed by multiple factors using AWS resources.

- **Reduced cost** by **developing** an **in-house inventory management** system for **B2B and B2C applications**.

- **Converted** internal **inventory management tool** into a **Profit-making product** by upgrading to **multi-tanent architecture**.

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.

- Learned and use various **cloud infrastructures** including **Digital Ocean, Cloudways, and AWS**.

- Drove **sales and great customer experience** by **creating** online **tools of analytics** that were previously in excel.

- **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*   2015 | Faridabad, IN

- Took responsibility to **upgraded the development methodology** from **Core PHP to a Framework-based solution**.
- Created Multiple In-house tools for **improving productivity** and libraries to **speed up** the **development/coding process by 30%**.
- Worked on multiple products, and **created in-house CMS** for projects thus **reducing delivery time by 60-70%**

💡 Talks and workshops

Performance Optimization in Laravel,   05/2023 | Jaipur, IN
LaravelLive Jaipur ⧉

Design patterns in Laravel, *LaravelDelhi* ⧉   05/2023 | Gurugram, IN

Using HTTP Headers effectively, *LaravelLive* ⧉   02/2019 | Gurugram, IN

MSHack incubateInd Hackathon,   12/2018 | Gurugram, IN
By IncubateIND ⧉

🎓 Education

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

🖋 Publications

Understanding deployments and StatefulSet: Kubernetes for beginners ⧉

How to setup automatic deployment from Gitlab to ubuntu?,
Intelligent computing - Medium ⧉

🎻 Interests

Travelling & Exploring (Traveled 190+ Cities, 13000+ Places Across India)

🏠 Organizations

Laracon India, *Core Organising team member* ⧉   06/2022 – present | Ahmadabad, In
Proudly contributed as core team for Laracon - One of the largest Laravel events in 2023

PyCon India, *Volunteer* ⧉   2019 | Chennai, IN
Been part of organising team and volunteer for one of Largest Python Conference, Pycon India in 2018, 2019

LaravelLive Delhi, *Volunteer and Organiser*   02/2018 – present | Delhi, IN
Organising and volunteering LaravelLive Delhi - A satellite community of Laracon India along with Helping expanding community in north India.