

Ritik Shyam Hujwant

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PROFILE SUMMARY

Software Engineer with **2.5 years** of experience, specializing in **system design implementation, automation** in deployment pipelines, product **Infrastructure Management**. Proven ability to collaborate with **cross functional teams**, mentor fresher developers, and derive discussions with over multiple stakeholders. Experience in handling Large Scale project and addressing **Customer Issues**.

Key Skills: C++, Python, Docker, RedHat OpenShift Kubernetes

WORK EXPERIENCE

Software Engineer | Persistent Systems Ltd | Pune, IN | June 2022 – Present

- Working as Senior DevOps Engineer for IBM Netezza Performance Server.
- Ensured and maintained the reliability of On-Cloud and On-premise systems & reducing the infra errors by 50% and improving the stability of system by 20%.
- Implemented various performance and system health monitoring scripts, alert management, **automation**, & cleanup scripts in Python, reducing manual efforts by more than 40%.
- Implemented and maintained various **CI/CD pipelines**, and updated **Docker** artifactory with the latest artifacts for the end customer for trials of the beta version.
- Managed **Kubernetes clusters** and pods on **RedHat OpenShift** to ensure less downtime, **auto-scaling**, and **load balancing** depending on traffic analysis.
- Created and managed **monitoring** procedures of K8 pods, On-Prem API endpoints, VM heart-beating mechanisms, and alerts using **Prometheus** and **Grafana** dashboards.
- Experience in efficient, clean, and error free code with good code refractory and design pattern implementation.
- Working in Agile Methodology – understands the requirement gathering, timely delivery and successful deployment.

Software Engineer Intern | Persistent Systems Ltd | Pune, IN | January 2022 – June 2022

- Automation & Testing: Implemented various **automation scripts** in product using python for faster delivery of results, deriving discussions with multiple squads and ensuring successful integration with comprehensive **documentation** using industry level coding convention.
- Monitoring and Alerts: Implemented additional alert management and monitoring to product for better performance analysis.

EDUCATION

Bachelor of Engineering | Sant Gadge Baba Amravati University | Information Technology | 2018-2022 | 9.26 CGPA

Higher Secondary Education | Raghuwansh Public School | Major in Mathematics | Sendhwa | 2017-2018 | 78.8%

SKILLS

Key Technology: Jenkins, Docker, RedHat Kubernetes, Ansible, Terraform, Azure Cloud, Prometheus, Grafana

Programming Language: C++, Python, Shell Scripting

Other Technologies: Git, Unit Testing, YAML, API, Microservices, Linux, SQL

Theoretical Skills: Data Structures & Algorithms, OOPs Concept, Operating System, DBMS, Design Patterns

TECHNICAL CERTIFICATIONS

- **IBM Certified Administrator: Netezza Performance Server | IBM Corporation | 2024**
 - **Microsoft Certified: Azure Administrator Associate (AZ-104) | Microsoft Corporation | 2023**
 - **Microsoft Certified: Azure Data Fundamentals (DP-900) | Microsoft Corporation | 2023**
 - **Microsoft Certified: Azure Fundamentals (AZ-900) | Microsoft Corporation | 2022**
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PUBLICATION

- **Published Research Paper: "Detailed Review on Cloud Computing & Cloud Security" | April 2022**
 - **Published Research Paper: "Study of Holographic Data Storage Method and Concept of HVDs" | June 2024**
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INTERESTS

System Designing & Infrastructure Management | Microsoft Storage Management System | Storage Technology
