

RISHABH JAIN

Experienced DevOps practitioner

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PROFILE

I am a dynamic and result-oriented individual, professional tech blog writer. Currently, pursuing masters in computer science and looking for summer internship 2022.

LINKEDIN:

<https://www.linkedin.com/in/rishabhjain05/>

GITHUB:

<https://github.com/rishabhjain05>

CERTIFICATIONS

Red Hat Certified System Administrator (RHCSA) exam (EX200)

Red Hat Specialist in Ansible Automation (EX 407)

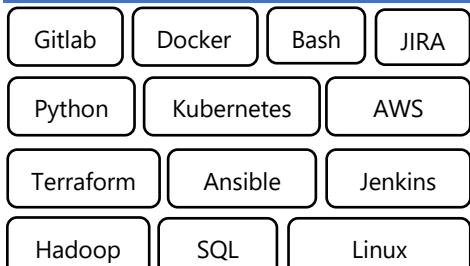
PUBLICATION

Image to Text conversion in Foreign Language using Document Image Processing Technique (IJTEE)

ACHIEVEMENTS

- Awardee of DevOps project selected by Watch Guard Pvt. Ltd.
- LOR from Microsoft Student Chapter.

SKILLS



EXTRACURRICULAR

- Technical news writer and Distribution manager at TechNews, Illinois Institute of Technology, Chicago.
- Participated in multiple sport events held at university.
- Attended IOT workshop.

EDUCATION

Masters in Computer Science August 2021 – May 2023

Illinois Institute of Technology, Chicago IL, USA.

Bachelor of Technology (B. Tech) in CSE July 2016 – May 2020

University of Petroleum and Energy Studies, Dehradun, India.

WORK EXPERIENCE

Awign Enterprises Pvt. Ltd., Bangalore [Software Development Engineer] March 2021 – August 2021

- Responsible for managing production, stage, and dev clusters.
- Implemented k8s advanced concepts including: **Taints, Toleration, Rbac**.
- Reduced service downtime by using **Readiness Probe, Liveness Probe** and **Node Selector**.
- Built **CI/CD** pipelines using **Docker, Kubernetes, Jenkins, GitLab, AWS**.
- Audited the organization's AWS account for resolving security concerns.

Awign Enterprises Pvt. Ltd., Bangalore [DevOps Intern] August 2020 – March 2021

- Gained experience on multiple tools including **Kubernetes, Jenkins, Docker**.
- Setup **Prometheus** and **Grafana** dashboard for resource and log monitoring.
- Built and optimized new Jenkins scripts.
- Configured **New Relic** Kubernetes pod monitoring for production, stage, and dev cluster.

Birlasoft Ltd. [Trainee Developer] January 2020 – August 2020

- Basic introduction and learning to **SDLC**.
- Hands-on Oracle MySQL Database.
- Intermediate level training for **python** programming.
- Trained in verbal communication and email etiquette.

KVCH Oracle, Noida [Big Data Engineer Intern] May 2019 – July 2019

- Learned different tools and technologies used to simplify Big Data.
- Installation of PySpark locally and imported it in **Jupyter Notebook**.
- Automated the installation of big data processing tools using **bash** scripts.
- Executed Map Reduce program on **AWS EMR**.

PROJECTS

- One-click boom

The bash script was created to configure all Big Data processing tools on 'N' number of nodes arranged in master slave relationship. Included tools are (Hadoop, Pig, Sqoop, Flume, hive, Pyspark). A ready to use workstation was created in less than 10 minutes depending on internet speed.

- Image to Text Conversion in Foreign Languages

The main objective was to build software that helped users to understand different language signboards/text boxes in their native language. We had created a CNN model of more than 90% accuracy for character recognition in natural scene images.