

Tushar Srivastava [DevOps Engineer]



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raebareli, uttar pradesh. new delhi, india



portfolio. <https://www.tusharsrivastava.space>



github. <https://www.github.com/tusharrblgh>



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

"To prosper in an environment of growth and excellence, the base of work can be strongly build-up with dedication given by us. always aiming to make myself passionate & energetic where we apt to rectify problems by leading their finest solutions and utilise my prowess. Versatile and results-driven IT professional with a proven track record of improving deployment speed, reducing operational costs, and enhancing system reliability."

Academic Records

Kamla Nehru Institute of Technology (KNIT), Sultanpur

Post-Graduation (2019-22)

M.Tech/ Master of Technology (Part Time)

Stream: Digital Electronics and Systems | CGPA: 8.56

Rajarshi Rananjay Sinh Institute of Management and Technology (RRSIMT), Amethi

Graduation (2013-17)

B.Tech/ Bachelor of Technology

Stream: Electronics and Communication | Percentage: 72.14%

PM Shri Kendriya Vidyalaya, Raebareli

Intermediate/12th (2012-13)

Board: CBSE | Percentage: 61.5%, Optional Subject: C++

PM Shri Kendriya Vidyalaya, Raebareli

High School/10th (2010-11)

Board: CBSE | CGPA: 7.6

Project Works

Cloud Services & DevOps Tools related..

CI/CD Pipelines to ensure Rapid and Reliable Delivery of new Features and Bug Fixes | CI/CD Corporate Real-Time DevOps Pipeline Project | AWS-Native Two-tier Application/Website Deployment etc. (06/2023-Present)

Developed Scalable & Real-time CI/CD pipelines for deploying application/website using AWS services, ensures automated testing, integration, delivery, enhancing scalability, reliability, & efficiency in corporate projects.

Digital Image Processing related..

SAR Image De-Noising using De-speckling (2022)

Research & Enhancement on De-speckling Methods used to clear captured Synthetic Aperture RADAR (SAR) Images, which is further used to study about area of captured.

PHP Core and MySQL related..

Bus Booking Service Using Core PHP And MySQL (2018-19)

Designed and implemented a dynamic bus booking service with features like route management, seat selection, and real-time booking. Focused on delivering a seamless user experience with efficient data handling and responsive interface design.

Embedded System related..

Robotic Vehicle and Smart Office/Home (2016)

Bluetooth based Technology with AVR Microcontroller and Arduino use in the enhancement of embedded systems by automation, identification and acceptance of different scenarios.

Trainings Certifications

AWS and DevOps Certification Course

Ducat Training Institute, Noida | 6 Months (2024)

Learned to implement pipelines, manage infrastructure as code, monitor performance, automate security, & ensure fault-tolerant, highly available systems on AWS using various services and tools.

Linux Complete Training Course

Udemy | 2 Months (2023)

Learned command-line usage, file system management, system administration, & networking with security and troubleshooting.

Training on Core PHP with MySQL

MADRID Software Training Solutions, Saket | 2 Months (2017)

Training on Core PHP to build static and dynamic websites with MySQL Database. Also learned about CSS and JavaScript.

Related Skills: Core PHP, HTML, CSS, MySQL

Advance Embedded and Robotics Systems

WebTek Labs Pvt Ltd (IBM), New Delhi | 6 Weeks (2016)

Industry Oriented Training in 'Advance Embedded and Robotics Systems' using AVR Microcontroller.

Related Skills: AVR, Arduino

Humanoid Robotics

I.E.T.E. Allahabad | 1 Week (2016)

Training on Workshop of Humanoid Robotics related to human activity and responses of human gestures.

Related Skills: Robotics

Technical Skills

AWS & DevOps related..

AWS: EC2, S3, EBS, CloudTrail, RDS, Route53, CloudFront, SNS, CloudWatch, DynamoDB, Certificate Manager, EFS, IAM, API Gateway, Kinesis, Lambda, WorkMail, AWS Codewhisperer.

DevOps: Git, GitHub, Ansible, Terraform, Kubernetes, GitLab, Jenkins, Docker, DockerHub, Sonar-qube, Grafana, Trivy.

Miscellaneous: Bash Scripting, Python.

Softwares/Platforms related..

VisualStudio Code (VS Code), MobaXTerm, Jupyter Notebook, MySQL Workbench, AI Tools like GitHub Copilot and more.

Operating Systems/Computer concepts related..

OS(s): Windows 11, Linux (Ubuntu, RedHat), macOS.

Suite(s): MS Office, Google Workspace.

Course on Computer Concept (C.C.C.): Certified by NIELIT.

Work Experience

Total Experience as an IT Professional: 2.6+ Years

DevOps Engineer S O InfoTech (P) Ltd., Noida

July 2024 – Present

- Configured and managed cloud infrastructure using AWS services to ensure scalability and reliability.
- Automated CI/CD pipelines with Jenkins, integrating version control via Git for efficient deployments.
- Deployed containerized applications using Docker and orchestrated with Kubernetes.
- Wrote and maintained Terraform scripts for Infrastructure as Code (IaC). Automated server configurations with Ansible to optimize resource provisioning.
- Monitored system performance using Grafana, ensuring uptime and proactive issue resolution.

Related Skills: Cloud Infrastructure Management

DevOps Engineer E C Enterprises, Lucknow

July 2023 - June 2024

- Designed and maintained scalable cloud environments with Amazon Web Services (AWS), streamlining deployments through CI/CD automation with Jenkins and Git.
- Orchestrated containerized applications via Docker and Kubernetes while implementing Terraform for IaC.
- Optimized server provisioning with Ansible and ensured system reliability through proactive monitoring and performance analysis using Grafana.

Related Skills: Containerization & Orchestration, , Monitoring & Logging, Infrastructure as Code (IaC), CI/CD Automation

Linux System Administrator E C Enterprises, Lucknow

January 2023 - June 2023

- Managing and maintaining systems for optimal performance and security. Expertise in hosting, domain management, and troubleshooting to ensure a seamless online presence.
- Proficient in system monitoring, backup strategies, and resolving technical issues efficiently to maintain a secure and reliable infrastructure.

Related Skills: Server Management, Networking & Security

Total Experience as Non-IT Professional: 5 Years

Guest Faculty Rajarshi Rananjay sinh institute of Management & Technology, Munshiganj, Amethi

October 2019 - September 2022

Department: Electronics and Communication

Subjects: Data Communication Networks, Computer Networks

Actively participating in departmental and institutional duties.

Related Skills: Network Fundamentals, Security, Troubleshoot

Assistant Professor in Rajarshi Rananjay sinh institute of Management & Technology

July 2017 – August 2019

Department: Electronics and Communication

Subjects: Data Communication Networks, Computer Networks

Preparing academic materials such as syllabi, lecture notes, and examination papers for college based exams. Also Conducting laboratory & practical sessions where applicable.

Languages Known

Hindi
Native

English
Full Professional

Sanskrit
Basic

Industrial Visits

ISRO Telemetry Tracking & Command Network

Lucknow (2017)

ISTRAC reveals satellite operations, mission control, data communication, and India's space exploration capabilities.

Bharat Sanchar Nigam Limited (BSNL)

Amethi (2016)

Studied about telecom systems, equipment's used in it, and testing facilities for communication network operations.

Programmes Events

Faculty Development Program

1 Week Faculty Development Program (2019)

MATLAB & its Application in Advanced Engineering Projects.

Presentation on Engineering

Event Held On Engineers Day (2016)

Certified for participate & also Awarded as Winner.

Researches Publishes

October, 2023

Tushar Srivastava, Vikas Yadav, "**SAR Image De-noising Using Additional Filters In LPG-PCA and Guided Filter**", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.10, Issue 4, Page No. pp.712-720, November 2023.

Related Skills: Python, Image Enhancement

November, 2023

Tushar Srivastava, Vikas Yadav, "**Speech To Image Translation**", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.10, Issue 4, Page No. pp.721-733 Nov, 2023.

Related Skills: Python, Neural Network

Sports Activities

PINNACLE Sports Meet

Dare To Feet Competition (2014)

Certified for participated and also Awarded as Winner.

MOMENTUM Sports Meet

Cricket Tournament (2016)

Certified for participated & Awarded Branch as Winner.

UTKARSH Tech-Fest

Annual Fest (2016)

Certified for participated & Awarded as Best Volunteer.

Declaration: Information provided above is **Accurate & Verifiable** to the best of my knowledge.