TUSHAR SRIVASTAVA

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Portfolio: https://www.tusharsrivastava.tech
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Raebareli, Uttar Pradesh, India/ New Delhi, India

"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."

ACADEMIC RECORDS

Kamla Nehru Institute of Technology, Sultanpur
POST GRADUATION *(2019-22)*
M.Tech/ Master of Technology (Part Time)
Department: Digital Electronics and Systems
Percentage: CGPA: 8.56

Rajarshi Rananjay Sinh Institute of Management & Technology (RRSIMT), Amethi
GRADUATION *(2013-17)*
B.Tech/ Bachelor of Technology
Department: Electronics and Communication
Percentage: 72.14%

PM Shri Kendriya Vidyalaya, Raebareli
INTERMEDIATE/12TH *(2012-13)*
Percentage: 61.5%, *Optional Subject:* C++
Education Pattern based on: CBSE Board

PM Shri Kendriya Vidyalaya, Raebareli
HIGH SCHOOL/10TH *(2010-11)*
Percentage: CGPA:7.6
Education Pattern based on: CBSE Board

PROJECT WORKS

AWS Cloud Services & DevOps Tools
Cloud-Native Two-tier Application Deployment *(2024)*
Developed Many Scalar Projects using AWS, Terraform, Docker, Kubernetes, Jenkins, Ansible & Grafana. Automated CI/CD workflows, ensured resilience with integration of domain also.

Digital Image Processing
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
Bus Booking Service Using Core PHP And MySQL *(2018)*
Dynamic Website used to book tickets of all types of buses like AC or Non-AC Sitting, Sleepers, Semi-Sleepers and also included government buses across all over India.

Embedded System
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

AWS and DevOps Certification Course
Ducat Training Institute, Delhi *6 Months (2024)*
Learning about AWS Services like EC2, S3, Cloudtrail, Cloudwatch, Cloudfront, IAM, SNS, Route53, Lambda, Kinesis, RDS etc. and DevOps tools like Terraform, Kubernetes etc..
Skills: AWS, Git, Github, Ansible, Terraform, Docker, Kubernetes, Jenkins, Grafana, Bash Scripting

Linux Complete Training Course
Udemy *2 Months (2023)*
Linux courses teach command-line usage, file system management, system administration, and networking.
Skills: Linux, CentOS, RedHat

MADRID Software Training Solutions
New Delhi *2 Months (2017)*
Training on Core PHP to build static websites and dynamic websites with MySQL Database.
Skills: Core PHP, HTML, CSS, MySQL

WebTek Labs Pvt Ltd (IBM)
New Delhi *6 Weeks (2016)*
Industry Oriented Training in 'Advance Embedded and Robotics Systems' using AVR Microcontroller.
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.
Skills: Robotics

TECHNICAL SKILLS

Software/Platforms
VisualStudio Code, MobaXTerm, Jupyter Notebook, Docker-desktop, Git-bash, AI Tools, MySQL Workbench

Simulator Software
WinAVR, Proteus, Arduino

Operating Systems
Windows 11, Ubuntu, Red Hat, macOS

Course of Computer Concepts(C.C.C.)
CERTIFIED BY N.I.E.L.I.T. : MS Office Suite

EXPERIENCES

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.

Skills: Cloud Infrastructure Management

DevOps Engineer E C Enterprises, Lucknow
July 2023 - June 2024
- Designed and maintained scalable cloud environments with 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.

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

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.

Skills: Server Management, Networking & Security

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 administrative duties.
- Conducting and publishing research work in reputed journals and conferences.

Skills: Network 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.
- Conducting laboratory and practical sessions where applicable.
- Guiding and mentoring students in academic and co-curricular activities.

Skills: Network Fundamentals, Network Security

LANGUAGES KNOWN

Hindi	**English**
Native	*Full Professional*

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)*
Overview of Telecom systems, equipment's, Testing facilities.

CERTIFICATIONS

Faculty Development Program
1 WEEK FACULTY DEVELOPMENT PROGRAM *(2019)*
MATLAB & its Application in Electrical Engineering.

Presentation on Current Engineering
EVENT HELD ON ENGINEERS DAY *(2016)*
Certified for participate & also Awarded as Winner.

RESEARCH & PUBLICATIONS

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.

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.

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.