TUSHAR SRIVASTAVA



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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.

Linux System Administrator E C Enterprises, Lucknow *January 2023 - June 2024*

- Experienced Linux System Administrator with Expertise in Managing and maintain Linux Systems, also ensuring optical server performance, and providing secure and reliable infrastructure.
- Skilled in website Management, including server hosting, domain management and troubleshooting, ensuring seamless online presence for the company. Proficient in system monitoring, backup strategies, and resolving technical issues in a timely manner.

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 cocurricular activities.

Skills: Network Fundamentals, Network Security

LANGUAGES KNOWN

Hindi Native

English 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.

The GREEN Olympiad

MINISTRY OF ENVIRONMENT AND FORESTS (GOI) (2010) Certified for Participating in the Exam.

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.