

# TUSHAR SRIVASTAVA [ Portfolio:www.tusharsrivastava.tech | Github:www.github.com/tusharrblgh ]

+91-8299357488

tusharrbl@gmail.com

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

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 (2019-23)

**M.Tech/ Master of Technology (Part Time)**

Department: Digital Electronics and Systems

Percentage: CGPA: 8.56

### Rajarshi Rananjay Singh 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/12<sup>TH</sup> (2012-13)

Percentage: 61.5%, Optional Subject: C++

Education Pattern based on: CBSE Board

### PM Shri Kendriya Vidyalaya, Raebareli

HIGH SCHOOL/10<sup>TH</sup> (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 | Building a Scalable Web Application on AWS (2024)

Developed a Two Scalar Projects using AWS, Terraform, Docker, Kubernetes, Jenkins, Ansible & Grafana. Automated CI/CD workflows, ensured resilience & integrated a personal domain.

### Digital Image Processing

SAR Image De-Noising using De-speckling (2022-23)

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 Cloud Services and DevOps

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, Linux, Bash Scripting

### 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

### ROBOTRYST

I.I.T. DELHI 1 Week (2016)

Training on 8051 Microcontroller & interfacing with different types of sensors like IR Sensor, Ultrasonic Sensor, Water levelling sensor etc..

**Skills:** Microcontrollers, Sensors

## TECHNICAL SKILLS

### Software/Platforms

VisualStudio Code, MobaXTerm Jupyter Notebook, Docker-desktop, Git-bash, Jenkins, MySQL Workbench

### Simulator Software

WinAVR, Proteus, Arduino

### Operating Systems

Windows 10, Windows 11, Ubuntu, Red Hat

### Course of Computer Concepts(C.C.C.)

CERTIFIED BY N.I.E.L.I.T. : MS Office Suite

## EXPERIENCES

### **AWS 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.

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

*October 2019 - September 2023*

**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

## INDUSTRIAL VISITS

### **ISRO Telemetry Tracking & Command Network**

**LUCKNOW (2017)**

Industrial Visit in ISRO Telemetry Tracking & Command Network (ISTRAC) reveals satellite operations, mission control, data communication, and India's space exploration capabilities.

### **Bharat Sanchar Nigam Limited (BSNL)**

**AMETHI (2016)**

Industrial Visit in BSNL to overview of Telecom systems, equipment's, Testing facilities.

## LANGUAGES KNOWN

**Hindi**

*Native*

**English**

*Full Professional*

## CERTIFICATIONS

### **Communication/Presentation Skills**

**CERTIFIED BY TCS-ION (2023)**

Helps us to upgrade the Skills.

### **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.

## DECLARATION

"I hereby declare that all the details mentioned above are Genuine to the best of my knowledge and beliefs."